Construction News

RAILWAYS—STEAM AND ELECTRIC

Proposed Work

New Jersey—Delaware, Lackawanna & Western R.R. plans to double-track its line from Hoboken to Dover. G. J. Ray, Hoboken, Ch. Engr.

Pennsylvania—J. I. Johnson, Johnstown, interested in railway between Portage and Martindale.

Pennsylvania—Reading Electric Railway Co. plans trolley line from Allentown to Reading. About $500,000. R. P. Stevens, Youngstown, Pres.

Pennsylvania—Schuylkill Railway Co. plans to rebuild Girardville line, Pottsville. W. S. Leib, Pottsville, Gen. Mgr.

Virginia—Southern Ry. plans to improve its lines at Lynchburg. B. Herman, Washington, D. C., Ch. Engr. M. W. and Struct.

West Virginia—Hardy County, Moorefield, Capon Dist., voted $14,500 bonds to aid building Winchester & Western R.R. to timber lands around Wardensville, 30 or 40 mi. W. B. Cornwell, Romney, interested. Noted Sept. 7.

North Carolina—Plans being made for railway from Kinston, to Wilmington. Address F. I. Smith, Secy. Chamber of Commerce.

Georgia—Flemington, Hinesville & Western Railroad Co. soon lets contract for railway from Hinesville to Glennville, about 22 mi. J. B. Way, Hinesville, Pres. and Gen. Mgr. Noted Dec. 9.

Mississippi—Gulf & Ship Island R.R. plans branch from point near Gulfport west to Kiln, about 20 mi. W. H. Gardner, Jr., Gulfport, Ch. Engr.

Tennessee—Nashville-Gallatin Interurban Ry. plans to extend Springfield line to Adairville, Ky., about 31 mi. B. C. Edgar, Nashville, Vice-Pres. and Gen. Mgr.

Ohio—Pennsylvania Lines West of Pittsburgh plan improving yards at Bradford, Ohio. T. Rodd, Pennsylvania Station, Pittsburgh, Ch. Engr.

Ohio—Pennsylvania Lines West of Pittsburgh making surveys for line from East Liverpool to Vanport, about 14 mi. T. Rodd, Pittsburgh, Penn., Ch. Engr.

Ohio—Youngstown & Southern Railway Co., Youngstown, plans to improve its lines. A. W. Hartford, Youngstown, Gen. Mgr.

Wisconsin—S. H. Peck, Portage, interested in railway from Portage to Baraboo.

Minnesota—Luce Electric Short Line Co., Hutchinson, plans railway 100 mi. long, about $500,000. E. D. Luce, Phoenix Bldg., Minneapolis, Pres.

Minnesota—Red Lake Northern Railway Co., Minneapolis, made surveys for line from Minneapolis to Canadian border. J. J. Opsahl, Mgr. Land Dept. of Red River Lumber Co., Minneapolis, interested. Noted June 1.

Kansas—Anthony & Northern Ry. plans line north from Edwards to Hays. J. E. Waite, Hutchinson, Ch. Engr.

Kansas—Hutchinson Belt Line Railway Co., Hutchinson plans belt line railway connecting all lines outside of city. O. P. Byers and H. H. Taylor, interested.

Kansas—Kansas City, Kaw Valley & Western R.R., Lawrence, making surveys for extension from Lawrence to Topeka. O. K. Williamson, Bonner Springs, Ch. Engr. Noted Feb. 10.

Kansas—Santa Fe Ry. plans to extend line from Liberal, Kan., to Des Moines, Iowa. C. W. Felt, Chicago, Ch. Engr.

Arkansas—Memphis, Dallas & Gulf Railroad Co. plans spur track from corporation line along Belding Ave. and Valley St., Hot Springs, to Grand Ave. W. P. Hart, Nashville, Ch. Engr.

Texas—Santa Fe Ry. plans extension from Ore City to Hughes Springs, 11 mi. C. F. W. Felt, Chicago, Ill., Ch. Engr.

Arizona—Arizona Extension Railroad Co. organized to build railway from Clarksdale to Mesa. J. S. Douglas, Pres.

Arizona—A. L. Garford, Elyria, Ohio, plans railway from Wockenburg to Sayre, about 16 mi.

Arizona—Western Pine Lumber and Mill Co. plans railway from Holbrook to White Mountain Lumber Dist., about 120 mi. F. H. Bowen, Red Key, Ind., Pres.

Washington—Portland Railway, Light and Power Co. plans double-track line about 2 mi. long to approach of Interstate Bridge over Columbia River between Vancouver and Portland, Ore. W. J. Morris, Portland, Supt.

Oregon—City of Prineville plans election to vote on $125,000 bonds for railway from Prineville to main line of Oregon Trunk R.R., 18 mi. west.

Ontario—Toronto Suburban Railway Co. plans to extend line from Bathurst St. east along Davenport Rd. down Poplar Plans Rd., Toronto. G. C. Royce, West Toronto, Gen. Mgr.

British Columbia—Harbor Comrs., Vancouver, plan industrial railway near False Creek.

Bids In and Contracts Awarded

Kentucky—Louisville & Nashville R.R. let contract grading line from Hazard to Walkers branch, about 1½ mi. to ADAMS & SULLIVAN, Louisville.

Missouri—Kansas City Ry., Kansas City, let contract about 4 mi. line to LITTLEFIELD, FRY & McGOUGH, about $220,000. Noted May 4.

Washington—Oregon-Washington Railroad and Navigation Co. awarded contract for line from Murray branch to Ray-Jefferson Mine, Spokane, about 10 mi., to TWOHY BROS., Portland, about $200,000. Noted Sept. 14.

LIGHT, HEAT AND POWER

Proposed Work

N. Y., Elmira—Elmira Water, Light and Railroad Co. granted franchise for electric-light plants and distributing systems in Montour, Catherine and Odessa. T. A. Brown, Engr. Noted June 1.

N. Y., Yonkers—A. Smith & Sons, Palisade Ave., plans 1-story boiler house.

Penn., Erie—Hammermill Paper Co. making plans for 3-story, 88x116-ft. power plant. About $50,000. Osborn Engineering Co., 740 Engrs. Bldg., Cleveland, Consult. Engr.

Penn., New Castle—(Official)—City receiving bids Oct. 2 for curb lights on Long Ave. and South Mill St. C. E. Brown, City Clk.

Penn., Reading—Reading Transit and Light Co. plans high tension transmission line to Kutztown to furnish power to Allentown-Reading Electric Ry.

Md., Baltimore—Bd. Education appointed committee to make investigations relative to installation of electric-light plant in Normal School.

Ga., Damascus—City plans to install electric-light plant and water system.

Ga., Milledgeville—Georgia Prison Comn. plans to install electric-light plant at State Farm, Milledgeville.

Ohio, Circleville—Circleville Light and Power Co. plans to extend transmission lines to Williamsport and Clarksburg.

Ohio, Fremont—Herbrand Co. plans to spend about $200,000 for power house and plant for railway switch system.

Ohio, Middletown—Colin-Gardner Paper Co. plans to enlarge power plant.

Ind., Hartford City—Muncie Electric Light Co., Muncie, plans to improve system in Hartford City, about $10,000.

Ind., Laporte—Laporte County receiving bids Oct. 5 for electric-light and power plant. F. A. Hausheer, Laporte, County Audr. Noted Sept. 21.

Ill., Burnside—City plans to install electric-light plant. J. Wright, interested.

Iowa, Littleport—Schmidt Bros. & Co., Elkader, applied for franchise to supply electricity to Littleport and transmission line from Littleport to Elkader.

Minn., Echo—City plans electric-light plant.

Kan., Bridgeport—Gypsum Light and Power Co., Gypsum, plans to install electric-lighting system in Bridgeport.

Kan., Jetmore—Citizens voted $10,000 bonds for improving electric-light plant and water system. Noted Sept. 21.

Kan., McPherson—City plans to improve and extend electric-light plant and water system.

Neb., Beatrice—City votes Oct. 17 on $35,000 bonds for electric-light plant and system. H. M. Garrett, Clk. Noted May 11.

Neb., Burchard—City sold $4,000 bonds for electric-light plant. Noted Aug. 3.

Neb., Helvey—City plans to install electric-lighting system.

Neb., Wolbach—Martz Engineering Co., Engr., Orpheum Bldg., Lincoln, making plans for power house and distribution station. About $10,600.

Ark., Yellville—City purchased electric-light plant and plans to improve same.

Tex., Rowena—City plans to install electric-lighting system.

Okla., Alva—City plans to install electric-light plant. O. A. Hunt, Watonga, interested.

Okla., Olustee—City Council plans electric-light plant.

Okla., Skiatook—See item under "Water-Works."

Colo., Craig—Meeker Electric Co., Meeker, applied to Council for franchise to construct electric-light plant in Craig. W. Laidlaw, Meeker, Owner and Mgr.

Colo., Estes Park—City plans to purchase plant of Stanley Park Electric Light and Power Co. and to improve and extend system.

Ariz., Tempe—City plans election to vote on bonds for electric-light system. Noted Mar. 16.

Wash., Vancouver—North Coast Power Co. plans to spend about $60,000 for improving its system.

Ore., Bend—Pringle Falls Electric Co. plans power plant.

Ont., Sudbury—British Canadian Nickel Co. plans power plant.

B. C., Vancouver—Hotel Vancouver plans power plant.

Bids In and Contracts Awarded

Mass., Watertown—Hood Rubber Co. let contract addition to boiler house to C. A. DODGE CO., Erie and Albany St., Cambridge. About $15,000.

N. Y., Syracuse—Hotaling Warne Co. let contract 1-story, 40x40-ft. power plant to DAWSON BROS., Union Bldg. About $15,000.

Penn., Philadelphia—S. B. and B. W. Fleisher let contract power plant to W. STEEL & SONS CO., Philadelphia, about $70,000.

Va., Richmond—Richmond Lumber Co. let contract power plant to H. L. BARKER, Richmond.

Ohio, Bucyrus—Bucyrus Light and Power Co. let contract power station to G. HICKS, South Charleston. About $15,000. Noted Sept. 7.

Ohio, Lowellville—Mahoning & Shenango Railway and Light Co. let contract high tension transmission line from Lowellville to Sharon, Penn., about 14 mi., to STONE & WEBSTER ENGINEERING CORPORATION, Boston.

Ind., Bloomfield—Indiana Power and Water Co. let contract power station and about 100 mi. transmission line to UTILITIES DEVELOPMENT CORPORATION, 327 South La Salle St., Chicago.

Ind., Gary—Calumet Electrical Co. let contract transmission line between Gary and Crown Point, about 17 mi., to T. G. HAMILTON CO., Gary, about $65,000. Noted Aug. 10.

Iowa, Des Moines—Des Moines City Railway Co. let contract 83x112-ft. power plant to A. H. NEWMANN & CO., $55,850. Noted Sept. 14.

Minn., Alexandria—City let contract power plant to UNION MACHINE CO., 183 University Ave., St. Paul. Noted June 15.

Minn., Erskine—City let contract electric-light plant to NORTHWESTERN ELECTRIC CO., Grand Forks, N. D. About $5,000. Noted Sept. 7.

Minn., Gilbert—Independent School Dist. No. 18 let contract 1-story boiler room to CAHAN & SON, Gilbert.

BRIDGES

Proposed Work

R. I., Providence—State Bd. Pub. Wks., Room 12, State House, receiving bids Oct. 4 for replacing 2 state bridges, No. 18, Narragansett River Bridge, and No. 138, Apponaug Mill Bridge.

Conn., Norwich—City soon to let contract for rein.-con. bridge on Sherman St.

N. Y., Buffalo—Comr. Pub. Wks. received no bids Sept. 12 for bascule bridge over Buffalo River on Abbott Rd. New bids. G. H. Norton, City Engr. Noted Aug. 24.

N. Y., Chittenango—State Highway Comn. plans bridge over Chittenango Creek, about $10,000. G. S. Tibbetts, Sullivan, Supt. Highways.

N. Y., North Tonawanda—State Highway Comn. made plans for bridge over Tonawanda Creek to be built jointly by state and New York Central R.R. D. B. La Du, State Engr. Noted May 11.

N. J., Elizabeth—Union County election Oct. 5 to vote on $54,000 bridge bonds. J. E. Roe, Elizabeth, County Clk.

N. J., Trenton—Bd. Freeholders Mercer County approved plans for bridge over Honey Brook, Hopewell Township. T. Tobias, Trenton, County Engr.

N. J., Westville—West Jersey & Seashore Railroad plans bridge across Big Timber Creek. J. Buckelew, Camden, Supt.

Penn., Erie—Erie County plans bridge across Rudd Run northwest of West Springfield. Address County Clk., Erie.

Del., Milford—Sussex County plans to rebuild bridge over Mispillion River. Address County Clk., Georgetown.

Penn., Harrisburg—Dauphin County recommended to build 2 bridges over Conwanesque

Bridges (Continued)

River. About $21,000 and $14,000 respectively. Address County Clk., Harrisburg.

Penn., Johnstown—Council authorized $100,000 bond issue for Luten concrete bridge between 8th and 17th wards. J. R. Crissey, City Engr. Noted Aug. 24.

Penn., Parnassus—Westmoreland County plans bridge across Little Puckety Creek. Address County Clk., Parnassus.

Penn., Philadelphia—City made plans for rein.-con. bridge on Marcie St. C. Albright, City Engr. Noted Sept. 21.

Penn., Phoenixville—Comrs. Chester County, Norristown, and Montgomery County, West Chester, plans concrete bridge over canal between Phoenixville and Mont Clare. Address County Clk., West Chester.

Va., Big Island—Bedford Pulp and Paper Co. plans bridge over Hunting Creek.

Va., Christiansburg—(Official)—Montgomery County, Christiansburg, receiving bids Oct. 7 for rein.-con. bridge over Little River between Montgomery and Pulaski Counties. Address County Clk., Christiansburg.

Va. Floyd—(Official)—Floyd County receiving bids Sept. 30 for rein.-con. bridge, 178-ft. long over Little River. Address County Clk., Floyd.

Va., Louisa—City plans bridge across North Ana River. John M. Holladay, Holladay, Va., interested.

Va., Richmond—City making plans for water mains in portion Beverly St.

W. Va., New Martinsville—Wetzel County receiving bids Oct. 12 for 12 bridges. Address County Clk., New Martinsville.

N. C., Gastonia—Gaston County receiving bids Oct. 5 for 2 steel bridges over South Fork River. O. B. Carpenter, Gastonia, County Clk.

Ga., Hinesville—Flemington, Hinesville & Western R.R. plans bridge. J. B. Way, Pres.

Fla., Bradentown—See item under "Streets and Roads."

Fla., Clearwater Key—(Official)—City plans election in about 30 days to vote on bonds for bridge over Clearwater Key. W. S. Gregory, City Clk. Noted Sept. 7.

La., Crowley—City making plans for steel bridge over Bayou Mallet. About $5,000.

Tenn., Jamestown—Fentress County receiving bids Oct. 7 for steel bridge across East Fork of Obeds River at Boatland River. Address County Clk., Jamestown. Noted Apr. 27.

Ky., Covington—City election Nov. 7 to vote on proposition to build traffic bridge over Licking River, about $40,000. H. G. Meiners, City Engr.

Ky., Covington—See item under "Streets and Roads."

Ky., La Grange—Oldham County plans 2 concrete bridges on La Grange-Shelbyville Rd. W. D. Pinkston, La Grange, Clk.

Ohio, Canton—Stark County receiving bids Oct. 9 for bridge on Brewster-Justus Rd., Sugar Creek Township. W. C. Schick, Canton, County Clk.

Ohio, Cincinnati—Hamilton County plans bridge Mill Creek at North Bend Rd. About $46,000. William Boeh, Cincinnati, County Surv.

Ohio, Circleville—Pickaway County receiving bids Oct. 10 for rein.-con. bridge over Salt Creek. F. O. Nicholas, Circleville, County Audr.

Ind., Ft. Wayne—Council appropriated $65,000 for State St. Bridge. F. M. Randall, City Engr.

Ind., Ft. Wayne—(Official)—Allen County made no appropriation for bridge over Spy Run on 4th St. as stated in issue of Sept. 14.

Ind., Washington—Daviess County sold $30,000 bridge bonds. J. G. Clark, Washington, Audr.

Mich., Benton—City receiving bids Oct. 2 for 180-ft. steel viaduct on Britain Ave. M. L. Jones, City Engr.

Mich., Detroit—State and Michigan Central R.R. plan viaduct and bridge on Whitemore Lake Rd., Washington County, about $45,000. J. J. Cox, University of Michigan, Ann Arbor, Engr.

Wis., La Crosse—City made plans for bridge over Black River, about $50,000.

Iowa, Clinton—Clinton County plans 2 bridges in Spring Rock Township. F. Lohberg, Clinton, Audr.

Iowa, Council Bluffs—Chicago, Milwaukee & St. Paul Ry. and Chicago, Rock Island and Pacific Ry. plan viaduct on McPherson Ave., about $50,000. C. F. Loweth, Chicago, Ch. Engr. of former and C. A. Morse, Chicago, of latter.

Iowa, Independence—(Official)—Buchanan County receives bids about Nov. 10 for 3-span rein.-con. bridge over Wapsinicon River, about $42,000. R. W. Gearhart, Independence, County Engr. Noted Sept. 14.

Minn., Adrian—City plans concrete bridge on 4th Ave. M. E. Carrigan, City Clk.

Minn., Princeton—Town receiving bids Oct. 7 for truss bridge. Albert H. Kuhfield, Town Clk.

Minn., St. Paul—City plans water mains in various streets.

Kan., Junction City—Government appropriated $30,000 for bridge over Republican River between Junction City and Ft. Riley.

Kan., Olathe—Johnson County receiving bids Oct. 7 for 5 rein.-con. bridges. W. J. Moore, Olathe, Clk. Noted Apr. 27.

Neb., Fairbury—Jefferson County plans to spend about $38,000 for bridge work. Address County Clk., Fairbury.

Neb., Gering—Scotts Bluff County election Oct. 10 to vote on $65,000 bridge bonds. Address County Clk., Gering.

Neb., Scotts Bluff—County to vote Oct. 10 on $65,000 bridge repair bonds. Address County Clk., Scotts Bluff.

Mo., Kansas City—Bd. Park Comrs. soon receives bids for 5-span rein.-con. bridge, 700-ft. long over Blue River and tracks of Frisco & Missouri R.R. About $178,000, $53,300 of which will be paid by railroad companies. Waddel & Son, 800 Graphic Arts Bldg., Engr. Noted July 20.

Ark., Clarendon—Monroe County plans bridge over Cypress Slough. Address County Clk., Clarendon.

Tex., Corpus Christi—Nueces County plans to rebuild causeway. About $30,000. Bartlett & Ranny, San Antonio, Engr.

Tex., Franklin—Robertson County Comrs., Franklin, and Milan County Comrs., Cameron, plan bridge across Brazos River between 2 counties.

Okla., Altus—(Official)—Jackson County does not plan 20 concrete and steel bridges as stated in issue of Aug. 31.

Okla., Buffalo—Harper County election Oct. 14 to vote on $15,500 bonds for bridges in Adams Township; $17,200 for Doby Township and $12,300 for Garfield Township. Address County Clk., Buffalo.

Okla., El Reno—Canadian County receiving bids Oct. 5 for rein.-con. bridges, Nos. 32 to 42 inclusive, also repairing Bridge 0142.

Okla., Oklahoma—Oklahoma County plans 2 bridges over North Canadian River on Reno Ave. E. K. Sheldon, Oklahoma, Chn. Bd.

Okla., Sallisaw—State Highway Dept., Oklahoma, approved plans for 3 steel bridges in Sequoyah County, about $7,000.

Okla., Tahlequah—Cherokee County election Nov. 7 to vote on $100,000 bridge bonds. Address County Clk., Tahlequah.

Colo., Boulder—City soon receives bids for bridge across Farmers ditch on Mapleton Ave.

Utah-Ogden—City soon lets contract for concrete arch bridge at mouth of Ogden Canyon.

Wash., Vancouver—Clarke County made plans for bridge over north fork of Lewis River, about $14,000. W. R. Schwarz, Vancouver, County Engr.

Ore., Portland—City receiving bids Dec. 6 for rein.-con. viaduct over tracks of Oregon-Washington Railroad and Navigation Co. About $750,000.

Calif., Orville—Butte County receiving bids Oct. 3 for 2 rein-con. bridges over Merrill Slough. C. F. Belding, Oroville, County Clk.

Calif., Redwood City—City making plans for several culverts. E. G. Finlay, City Engr.

Calif., San Diego—City plans repairing 13th St. Bridge. About $12,000.

Calif., San Diego—San Diego County receiving bids Oct. 4 for 6 bridges, about $25,000. J. T. Butler, San Diego, Clk.

Calif., Willow—Glenn County receiving bids Oct. 3 for 6 bridges. B. Knock, Willow, Surv.

Ont., Tillsonburg—Grand Trunk Ry. plans steel bridge over Broadway. H. R. Hafford, Montreal, Que., Ch. Engr.

Alta., Red Deer—Canadian Northern Ry. plans temporary bridge over Red River. A. T. Fraser, Edmonton, Div. Engr.

Bids In and Contracts Awarded

Maine, Lewiston—City let contract bridge over canal on Main St. to J. M. SWAN, Lewiston, about $22,000.

Vt., Barre—(Official)—City rejected bids for arch bridge in South Main St. Noted Sept. 7.

Mass., Williamstown—City let contract bridge over Doctor Brook on Bulkley St. to W. M. TULLER, North Adams.

Penn., Ebensburg—Cambria County let contract bridge over Little Conemaugh River to PORTAGE CONCRETE AND CONSTRUCTION CO., Portage. About $5,140.

Penn., Media—Delaware County Comrs. let contract rein.-con. arch bridge on Chichester Ave. over branch of Naamans Creek, Upper Chichester Township, to WHITTAKER & DIEL, Harrisburg. About $8,300. Noted Aug. 17.

Md., Baltimore—State Rd. Comn. let contract bridge over Western Run on York Rd. to LUTEN BRIDGE CO., York, Penn. Noted Sept. 14.

W. Va., Fairmont—County let contract bridge over West Fork River near Everson to MERYDITH CONSTRUCTION CO., Lowell, about $17,988. Noted Aug. 31.

N. C., Ashville—Buncomb County Comrs. let contract bridge near Craggy to C. W. REQUARTH & CO., Charlotte. About $45,000. Noted Aug. 24.

N. S., Belmont—Southern Ry. let contract bridge across Catawba River to AMERICAN BRIDGE CO., 30 Church St., New York.

Ky., Louisville—Louisville & Nashville R.R. let contract rein.-con. bridge over North Fork of Kentucky River to GEORGE M. EADY CO. Louisville.

Ohio, Dayton—Montgomery County let contract steel superstructure for bridge over Stillwater River, Harrison Township, to CENTRAL STATES BRIDGE CO., Indianapolis, about $18,650. Noted Sept. 7.

Ohio, Elyria—City let contract substructure for Beaver Creek Bridge to F. E. HEISLER, Massillon, $4,139; superstructure, WYNKOOP, McGORMLEY CO., Toledo, $4,619.

Ohio, Marietta—City let contract viaduct over run between Marietta and Parkersburg to MERYDITH CONSTRUCTION CO., Lowell, about $60,000.

Ind., Bloomfield—County let contract 4 bridges to VINCENNES BRIDGE CO., Vincennes, $4,795. Noted Aug. 31.

Ind., Bloomington—Monroe County Comrs. let contract bridges on Dixie Highway to VINCENNES BRIDGE CO. Noted May 25.

Mich., Ann Arbor—City rejected bids for bridge over Huron River on Broadway. Noted Aug. 17.

Mich., Lansing—State Highway Comn. let contract trunk line bridge No. 66 over Huron River at French Landing Sta., substructure, MEREDITH CONSTRUCTION CO., Detroit, superstructure, ELKHART BRIDGE AND IRON CO., Elkhart, Ind. Noted Aug. 31.

Ill., Antioch—Lake County let contract Miller Bridge to BURLINGTON BRIDGE CO., Burlington, Wis.

Wis., Madison—Wisconsin Highway Comn. let contract Dells Dam Bridge, about 10 mi. southeast of Neillsville, to ELKHART BRIDGE AND IRON CO., Elkhart, Ind.

Wis., Viroqua—Wisconsin Highway Comn. let contract 2 steel bridges to W. E. GIFFORD, Madison, $10,200.

Iowa, Boone—County let contract bridge over Fraser River to DES MOINES BRIDGE AND IRON WORKS, Des Moines, $10,555.

Iowa, Council Bluffs—Pottawatamie County rejected bids for 130-ft. high truss bridge. M. H. Howard, Council Bluffs, County Engr. Noted Sept. 7.

Iowa, Denison—Crawford County let contract 34 rein.-con. culverts to LANA CONSTRUCTION CO., Council Bluffs. About $21,112.

Minn., Duluth—St. Louis County let contract bridge across Big Fork River on Northern Deer River Rd. to IOWA BRIDGE CO., Des Moines, about $11,849.

Minn., Grand Rapids—Itasca County let contract Bridge No. 1643 over Big Fork River to IOWA BRIDGE CO., 716 McKnight Bldg., Minneapolis.

Kan., Ellinwood—Barton County let contract 3 bridges to R. G. CAMPBELL, Lyons, about $4,750.

Kan., Leavenworth—Leavenworth County let contracts for 16 bridges to JOHN COLDREN, Lansing, about $13,015; 5 bridges to J. F. WARD, Linwood, about $5,416. Noted Aug. 3.

Kan., Manhattan—County let contract 2 bridges over Blue River to CANTON BRIDGE CO., New York Life Bldg., Kansas City, Mo. About $37,375. Noted Aug. 24.

Kan., Topeka—Shawnee County let contract Waveland Bridge to ALLEN & FULTON, Topeka, $16,141; Hayes Bridge, MIDLAND BRIDGE CO., Kansas City.

N. D., Bottineau—(Official)—Bottineau County let contract rein.-con. bridge over House River to HENNEPIN BRIDGE CO., Minneapolis, Minn. About $19,350. Noted Sept. 7.

N. D., Manning—Dunn County let contract 9 bridges to MINNEAPOLIS BRIDGE CO., 1129 Metropolitan Life Bldg., Minneapolis, about $18,000.

Mont., Hamilton—Ravalli County let contract bridge to J. ITEN, Hamilton.

Mo., Louisiana—Council rejected bids for bridge over Noix Creek.

Mo., Poplar Bluff—Butler County let contract 7 bridges to MILLER-BORCHERDING CO., about $14,815. Noted Apr. 27.

Tex., Austin—City let contract additional arches at bridges on 15th and 16th St. and Waller Creek to B. J. KNAPE, Austin, about $10,000. Noted Sept. 21.

Okla., Pawhuska—City let contract bridges to MISSOURI VALLEY BRIDGE AND IRON CO., Leavenworth, Kan., about $6,640; and OKLAHOMA IRON WORKS., Oklahoma, about $4,675. Noted May 25.

Okla., Sapulpa—Creek County let contract 2 bridges to O. SAUNDERS. Noted June 22.

Okla., Shawnee—Missouri, Kansas & Texas R.R. let contract 2 bridges near Shawnee and Oklahoma City to J. W. McMURRAY CONTRACTING CO., Kansas City, Mo.

Colo., Sapinero—County let contract bridge over Gunnison River at Sapinero to OMAHA CONSTRUCTION CO., Omaha. Noted June 22.

Wash., Colville—Stevens County let contract bridge near Arden to ACORN & SON, Colville, about $4,435.

Calif., Petrolia—County let contract bridge over north fork of Mattole River to POLAND & ROBINSON. About $4,385.

Bridges (Continued)

Calif., Quincy—County let contract Wolf Creek Bridge to GILDERSLEEVE CONTRACTING CO. About $6,000.

Calif., Redwood City—County let contract concrete bridge over San Gregorio Creek to A. MATTSON, San Bruno. About $4,418.

Calif., Sacramento—State Highway Comn. let contract bridge in De La Cuesta Canyon across Santa Ynez River to MERCER-FRASER CO., Eureka, about $124,650. Noted Aug. 3.

Calif., Santa Barbara—Santa Barbara County let contract bridge over Arroyo Quemado to W. M. KEADBETTER, Los Angeles, $40,150.

Calif., Spenceville—County Supvrs., Marysville, let contract for concrete bridge over Dry Creek to A. H. BURTON. About $4,199.

Calif., Springville—Tulare County let contract concrete bridge over Tule River to PARLIER & GREEN, Tulare. About $5,986. Noted Sept. 14.

Que., St. Martine—Low bidder bridge over Chateguay River near Church, U. Ouellette, Lachine, $33,950.

WATER-WORKS

Proposed Work

Mass., Fall River—(Official)—Reservoir Comn. receiving bids Oct. 3 for wash drill and core drill test borings in vicinity of Mill Brook at possible dam and pipe line sites in city of Fall River and town of Freetown. H. K. Barrows, 6 Beacon St., Boston, Consult. Engr.

N. Y., Canton—City plans election to vote on project to install water system, about $157,000. L. R. Smith, Supt. C. E. Perry, Albany, Engr.

N. Y., Cohoes—(Official)—Bd. Contract and Supply receiving bids Oct. 2 for water meters of disk type from ⅝-in. to 2-in. size together with 3-in. water meters of current type. E. N. Amyot, Secy. F. R. Dawson, Supt. Water Dept. (See adv.)

N. Y., Elmira—(Official)—City rejected bids for 7,500,000 gal. electrically driven pump to be installed in pumping station. New bids. H. M. Beardsley, Gen. Mgr. Water Bd. Noted June 15.

N. J., Ogdensburg—City plans water system and pumping station. About $30,000.

N. J., Asbury—City plans extending water mains.

N. J., Newark—Bd. St. and Water Comrs. soon let contract for water pipes and special castings for high and low pressure systems. G. Sansenbacher, Supt.

N. J., Sistersville—City made plans for 2,000,000 gal. filter plant, about $30,000. Douglass & McKnight, Union Bank Bldg., Pittsburgh, Engr.

Penn., Enola—Pennsylvania R.R. plans new reservoir near Enola. A. C. Shand, Philadelphia, Ch. Engr.

Penn., Johnsonburg—State Dept. of Health approved plans for filter plant for Johnsonburg Water Co. Noted June 22.

Penn., Molinton—City making plans for filter plant.

Penn., Nescopeck—City made plans for waterworks, about $28,000. Noted July 20.

Penn., New Oxford—Borough plans to improve and extend water system.

Penn., Philadelphia—Dept. Pub. Wks. receiving bids Oct. 3 for 2 pumps, 1 with daily capacity of 25,000,000 gal. at Queens Lane Sta. on Schuylkill River and 1 of 35,000,000 gal. at Lardner's Point on Delaware River. G. T. Danteman, Dir.

Penn., South Bethlehem—Bethlehem City Water Co. plans additional filters. H. M. Uberroth, Supt.

Va., Richmond—(Official)—Administrative Bd. receiving bids Oct. 11 for 1 electrically operated centrifugal pump of 5,000,000 gal. capacity for water boosting service and one 150-hp. alternating current induction type 3-phase motor. (See adv.)

S. C., Johnston—See item under "Sewers".

Ga., Damascus—See item under "Light, Heat and Power."

Ala., Tuscaloosa—City plans 1½ mi. of 14-in. pipe and extensions to 6-in., also new pumping station. W. Finnell, Supt.

Ga., Manchester—City voted $36,000 waterworks bonds. W. M. Moore, Mayor. Noted Sept. 14.

Fla., St. Cloud—City sold $72,000 water bonds. Noted Sept. 21.

Tenn., Benton—City plans election to vote on $10,000 bonds for water and sewer systems.

Tenn., Knoxville—City retained C. H. Anderson, Supt. Cincinnati Water Dept., Cincinnati, Ohio, to make plans to improve and extend water system. Election will be held Oct. 24 to vote on $225,000 bonds for same. Noted Sept. 14.

Ky., Louisville—(Official)—Water Bd., care of Louisville Water Co., 435 3d St., receiving bids Oct. 16 for pumping station on Ohio River. W. O. Head, Pres. Noted Aug. 3.

Ohio, Bradford—Miami and Darke Counties plan to install water system. A. E. Kimberly, 1631 Columbus Savings and Trust Bldg., Columbus, Engr. O. H. Preston, Supt. Water Dept.

Ohio, Cleveland—City retained F. C. Noble, Engr., 50 Church St., New York, to make investigations and submit report on proposed East Side filtration plant. Noted Aug. 24.

Ohio, McArthur—McArthur Water Co. plans water-works, about $25,000. Burgess & Long, 827 Columbus Savings and Trust Bldg., Columbus, Engr.

Ohio, Newark—Council passed ordinance to issue $15,000 bonds for water system. G. Buchanan, Supt.

Ohio, Newburg Heights—(Cleveland post office)—City receiving bids Oct. 9 for water mains in East 52d St. Noted Sept. 14.

Ohio, New London—City election Oct. 17 to vote on $56,000 water-works bonds.

Ohio, Celina—City retained E. B. Kay, Consult. Engr. 395 Colonial Bldg., Winchester, Ky., to make investigation and recommendation for improving water system. Noted July 13.

Ohio, Springfield—City plans extending water system.

Ohio, Zanesville—City receiving bids Oct. 2 for twenty 10-in. wells. W. R. Roach, Dir. Pub. Ser. J. R. Kommer, 1116 House Bldg., Pittsburgh, Engr.

Ill., Rock Island—City plans water main in 17th St., about $5,012. R. Beckstrom, Supt.

Ill., Waukegan—(Official)—City receiving bids Oct. 2 for water main in Madison St. M. J. Douthitt, City Engr. Noted Apr. 27.

Wis., Milwaukee—Bd. Pub. Wks. receiving bids Oct. 2 for improving water mains Milwaukee Rd. Fred G. Simmons, Comr.

Iowa, Corning—City making plans for water system. About $30,000. J. E. Roberts, Supt. Noted Sept. 21.

Iowa, Havelock—Town plans water-works, about $8,000. G. Mick, Clk.

Iowa, Iowa Falls—City plans improving water system. Homer Hughes, City Engr.

Minn., Gaylord—Village voted $15,000 waterworks bonds. Noted Aug. 24.

Kan., Argonia—City election Oct. 2 to vote on $20,000 water-works bonds. W. B. Rollins & Co., 439 Railway Exchange Bldg., Kansas City, Mo., Engr.

Kan., Augusta—City sold $10,000 water-works bonds. W. B. Jones, Supt. Noted Sept. 14.

Kan., Ellis—(Official)—City receiving bids Oct. 2 for improving water system, about $16,000. R. C. Gall, Supt. Black & Veatch, Kansas City, Mo., Engr. Noted Sept. 14.

Kan., Jetmore—See item under "Light, Heat and Power."

Kan., McPherson—See item under "Light, Heat and Power."

Kan., Moran—City voted $30,000 water bonds. Noted Sept. 7.

Kan., Robinson—(Official)—City does not plan bond issue for water system as stated in our issue of Sept. 14.

S. D., Castlewood—City soon lets contract for water system, about $20,000. W. W. Sour, City Clk

N. D., Fessenden—City plans water and sewer systems.

N. D., Mohall—Village voted bonds for water system. Noted Aug. 31.

Mo., Sedalia—City plans voting on bonds for water system. Noted Aug. 31.

Mo., Stanberry—City lets contracts for water mains and hydrants next spring, about $15,000. C. A. Greenlee, City Clk.

Mo., Trenton—City receiving bids Oct. 11 for filter plant. About $30,000 available. E. E. Harper, 2404 East 30th St., Kansas City, Engr. Noted Sept. 14.

Ark., Beebe—City does not plan water-works as stated in issue of Sept. 21.

Ark., Harfield—City plans water system.

Ark., Morrillton—City plans water system. James Scanlon, Supt.

Ark., Pocahontas—Pocahontas Water-Works Dist. Comnrs., receiving bids Oct. 4 for water system.

Tex., Eagle Pass—Eagle Pass Water Co. increased capital stock from $60,000 to $80,000, and will enlarge water system.

Tex., Maypearl—City voted $7,000 water bonds. Noted Aug. 24.

Okla., Blackwell—Citizens defeated $35 000 bonds for water system and electric-light plant. W. D. McIntire, Supt. Noted Aug. 31.

Okla., Granite—City retained Benham Engineering Co., Oklahoma, to make investigations and prepare plans for water system. Noted Aug. 31.

Okla., Nash—City plans voting on $25,000 water bonds. Noted Sept. 21.

Okla., Okmulgee—City soon votes on $25,000 bonds for water-works. Address City Clk.

Okla., Skiatook—City plans water system and electric-light plant.

Okla., Waynoka—City voted $50,000 bonds for water-works. Noted Aug. 10.

Idaho, Potatello—(Official)—City voted $300,000 bonds for improving water-works. E. C. Smith, Supt. Water Dept. Noted Sept. 7.

Utah, Garland—City plans water system, about $30,000. T. H. Edwards, Supt.

Wash., Oroville—City Council plans to extend water mains. E. R. Hoose, City Clk.

Wash., Seattle—Engineering Dept. estimates cost of water mains in 10th Ave. at $44,084. L. B. Young, Supt. Water Wks.

Ore., Joseph—City plans to extend water system about 2 mi., $5,000. W. S. Harrell, Supt.

Calif., Los Angeles—City rejected bids for riveted sheet-steel pipe in Dist. No. 2. New bids. J. P. Vroman, Secy. Dept. Pub. Ser. Noted Aug. 31.

Calif., San Pablo—People's Water Co. plans earth dam on Lane Ranch. About $75,000.

Calif., Santa Paula—Santa Paula Water-Works Co. plans to improve system. About $10,000.

Que., Sherbrooke—City plans $5,000,000 gal. reservoir, about $50,000. E. McKeon, Supt. Water Dept. T. Tremblay, Engr.

N. S., New Glasgow—City soon receives bids for extending water system. About $100,000. J. Roy, Clk. Noted Aug. 31.

Ont., Lindsay—See item under "Sewers."

Bids In and Contracts Awarded

Mass., Boston—City let contract water mains in Broadway, Harrison Ave., Curve, Hudson and Kneeland St. to J. T. SHEA, Jr., 696 East 6th St., South Boston, about $14,605.

N. Y., Mt. Morris—City let contract portion conduit of water system between Twin Bridges and Mt. Morris to DESSIDERIO & SATTLER, Rochester, $9,615.

N. Y., New York—(Official)—C. MEADS & CO., 38 Park Row, at $46,140, awarded contract for controlling mechanisms for riser valves in shafts of city tunnel of Catskill Aqueduct, Contract No. 174. Noted Sept. 14.

N. Y., New York—(Official)—W. Heyman, 383 East 157th St., Bronx, at $38,320, low bidder grouting rock above Eastview Tunnel of Catskill Aqueduct, Contract No. 178. Noted Aug. 31.

N. Y., North Tonawanda—Bd. Pub. Wks. let contract pumping station to DUROLITHIC CO., Ellicott Sq. Bldg., Buffalo. About $15,592. Noted Mar. 30.

N. J., Lodi—(Official)—Borough let contract wells to DUTCHER ARTESIAN WELL DRILLING CO., Paterson. Noted Mar. 2.

Va., Chilhowie—City let contract water and sewer systems to R. L. BLEVINS, Bristol. Noted July 27.

S. C., Columbia—(Official)—City let contract about 6 mi. c.-i. water pipe to THORNWELL-McMASTER & CO., Columbia, $5,147. Noted Sept. 14.

Fla., Brooksville—City election Oct. 9 to vote on $20,000 water-works bonds. H. McElroy, Tampa, Engr. Noted Aug. 24.

Miss., Tchula—City let contract water system to J. L. V. GRENIER CO., Clinton, Ky. Noted May 14.

La., Shreveport—(Official)—City let contract pumping station and filter softening plant to McKENZIE CONSTRUCTION CO., $81,915; 2 sedimentation basins and clear water reservoir to SMITH BROS. & TURNER, $84,852; general pipe laying to MOORE, McCAIN & HEARNE, $11,317. Noted Aug. 24.

Ohio, Coshocton—City let contract crane for pumping station to BROWN HOISTING MACHINERY CO., Cleveland. Noted July 20.

Ohio, Rocky River—(Official)—City let contract water mains in North Ridge Rd. to C. H. BARTHOLOMEW, Kent, about $8,425. Noted Aug. 24.

Ohio, Sandusky—City let contract water mains in Pierce St. to H. W. HOMEBERGER.

Ill., Paxton—Village let contract water mains to W. F. DELAHANTY, Decatur, $17,455.

Ill., Riverdale—Village let contract water mains in West 138th St. to A. KRAAG, Harvey, $4,910. Noted Sept. 7.

Ill., Rock Island—City let contract water mains in 9th, 11th, 12th and 14th St. to P. F. TRENKENSCUH. About $11,356. Noted Sept. 14.

Wis., East Troy—Village Bd. let contract concrete reservoir to LEVI MOHR, Beloit, air compressor and 2 motors to FAIRBANKS-MORSE MANUFACTURING CO., Beloit.

Wis., Manitowoc—City received low bid c.-i. lake intake for water system from McMullen & Pitz, $8,530.

Minn., Spooner—(Official)—City let contract well to I. OLSON, Buhl, $7 per ft. Noted Aug. 10.

Minn., Thief River—City let contract water mains to ROBINSON & VANALSTINE CO., Grand Forks, N. D., $5,169. Noted Aug. 31.

Mo., St. Louis—City received bids to cover reservoirs in vicinity of Merchants' Bridge approach from Hogan Contracting Co., St. Louis, $232,172; Herman Contracting Co., St. Louis, $235,174; McCormack-Combs Construction Co., St. Louis, $235,542. Noted Sept. 21.

Okla., Drumright—City let contract water system to TOLBERT CONSTRUCTION CO., Muskogee, about $25,000.

Wash., Tacoma—City let contract water mains on J St. to J. J. MONAHAN, Tacoma, $5,113. Noted Aug. 17.

Water-Works (Continued)

Que., Aylmer—Water Comn. let contract filter plant to R. P. SMITH & CO., Montreal. Noted Aug. 17.

Que., Hull—Council let contract mains to WILFRED HERBERT, Wall St., Hull. About $35,000. Noted July 20.

Ont., Ottawa—Contract for water mains awarded to NATIONAL IRON WORKS, Cherry St., Toronto.

Ont., Palmerston—City let contract centrifugal pump to CANADIAN FAIRBANKS-MORSE CO., LTD., Toronto.

SEWERS

Proposed Work

Mass., Fall River—City plans sewers and disposal plant. H. K. Barrows, 6 Beacon St., Boston, Consult. Engr.

Mass., Fitchburg—City plans sewer system. About $267,312. W. A. Davis, City Clk.

Conn., Bridgeport—See item under "Streets and Roads."

Conn., Bridgeport—City plans sewers in Dover and Pequonnock St. and Park Ave. A. H. Terry, City Engr.

Conn., Shelton—City plans to complete sewer system, about $30,000.

Conn., Thomaston—City soon receives bids for sewer system. About $10,000. C. H. Preston, Jr., 136 Grand St., Waterbury, Engr. Noted Sept. 7.

N. Y., Albany—City plans sewers in Lark St. and Grant Ave. and improving sewer in 3rd St. I. Wachsman, Secy. Bd. Contract and Supply.

N. Y., Albany—City plans sewers in Schuyler St. and Delaware Ave. F. R. Lanagan, City Engr.

N. Y., Kenmore—City making plans for sewers in East Hazeltine Ave. About $5,000. White & Getman, Mutual Life Bldg., Buffalo, Engr. E. W. Johnson, 2852 Delaware Ave., Clk.

N. Y., Seneca Falls—Comn. soon receives bids for sewer in Mynderse St.

N. J., Cranford—C. Potts, Engr., 30 Church St., New York, making plans for joint sewer and disposal plant for boroughs of Cranford, Rahway, Union, Springfield, Garwood and Hillside. Noted July 6.

N. J., East Orange—(Official)—City receiving bids Oct. 9 for storm water drain in Halsted Valley of 3d ward. W. D. Williigerod, City Engr. (See adv. Sept. 21 issue.)

N. J., Haskell—City plans sewage-disposal plant.

N. J., Newark—See item under "Streets and Roads."

N. J., Pitman—Borough Council soon lets contract for sewer system and disposal works. About $110,000. J. E. Peterson, Borough Clk. Noted Sept. 14.

N. J., Plainfield—(Official)—Common Council receiving bids Oct. 9 for storm sewers and appurtenances. J. J. Carroll, City Clk. (See adv.)

N. J., Trenton—City plans to extend sewer in Trenton St.

N. J., West Hoboken—Joint Sewer Com. of West Hoboken and Weehawken, Town Hall, West Hoboken, receiving bids Oct. 3 for joint sewer. A. L. Wachlen, City Engr.

Penn., Bellwood—(Official)—City receiving bids Oct. 11 for sewer system and disposal plant. H. Linton, 1717 13th St., Altoona, Engr. Noted Sept. 7. (See adv.)

Penn., Catawissa—Borough plans disposal plant.

Penn., Clinton—State Dept. of Health approved plans for sanitary sewers and treatment plant for State Industrial Home for Women. J. G. Thorne, City Engr.

Penn., Clifton Heights—City plans sewers. A. F. Damon, Jr., Darby, Engr.

Va., Chilhowie—See item under Water-Works. Noted July 27.

Va., Galax—City plans sewer system. B. D. Beamer, City Clk.,

S. C., Johnston—City soon votes on $50,000 bonds for sewer and water systems.

Ga., Manchaster—City voted $9,000 sewer bonds. W. M. Moore, Mayor. Noted Sept. 14.

Ala., Birmingham—L. H. Slater, County Sanitary Engr., making plans for lowering East Lake Sewer. About $22,000.

Tenn., Benton—See item under "Water-Works."

Ohio, Cleveland Heights—(Warrensville post office)—City receiving bids Oct. 16 for sewers in Cedar and Lancaster Rd. F. A. Pease Engineering Co., 806 Marshall Bldg., Cleveland, Engr.

Ohio, Columbus—City receiving bids Oct. 1 for manholes and catch basin fittings. G. A. Borden, Dir. Pub. Ser. P. B. Kemper, Clk.

Ohio, Elyria—City plans sewers in Dist. No. 2. C. M. Braman, Clk.

Ohio, Lebanon—City soon receives bids for sewage disposal plant. About $25,000. W. S. Sherman, 615 Nasby Bldg., Toledo, Engr.

Ohio, Logan—City plans to extend Oberlin Ave. Main Sewer Dist. No. 2.

Ohio, Newark—City to sell $76,500 sewer bonds Oct. 16. A. N. Dodd, Audr. C. H. Weils, City Engr.

Ohio, Newburg Heights—(Cleveland post office)—City receiving bids Oct. 17 for purchase of $6,174 bonds for sewers in East 49th St. J. A. Fitzgerald, Clk. Noted Sept. 14.

Ohio, Rittman—City plans bond issue for extending sewer system and disposal works. V. Hickin, Clk.

Ohio, Sandusky—City plans sewers in Homestead St. and Columbus Ave. A. F. Johnston, City Engr.

Ohio, Tiffin—(Official)—City receiving bids Oct. 3 for sewers in Ohio, Clinton and Industrial Ave. W. Heller, Dir. Pub. Ser. Noted Aug. 31. (See adv.)

Ohio, Toledo—County Comrs. plans Norwood sewer about $200,000, and Point Plate Dist. sewer about $100,000.

Ohio, Warren—City plans sanitary sewer in Highland Blvd. G. T. Hecklinger, Clk.

Ind., Evansville—City plans 12-in. sewer in High St. J. D. Saunders, City Engr.

Ind., Shelbyville—City making plans for sanitary sewer in Tompkins St. About $10,000. G. McBride, City Hall, Engr. Noted Aug. 10.

Mich., Hancock—City soon votes on bonds for sewers. C. T. Mason, City Engr.

Mich., Plymouth—City making plans for sanitary sewer system, 6 mi. and disposal plant. About $60,000. Head & Decker, U. of M., Ann Arbor, Engr.

Ill., Waukegan—(Official)—City receiving bids Oct. 2 for 2,450 ft. of 8-in. sewer and 2,140 ft. of 10-in. sewer, about $5,110. M. J. Douthitt, City Engr. Noted May 18.

Wis., Neenah—City receiving bids Oct. 12 for sewers in Ock, Pine, Main and Lake St. A. E. McMahon, Engr. Noted Aug. 24.

Iowa, Clarinda—City Council established sewer district in northeast section of city.

Iowa, Davenport—City plans to extend sewers on Marquette and Warren St. and storm drain on Cedar St. About $50,000. J. W. Crowley, Comr. Pub. Wks.

Iowa, Dubuque—Council plans sewer at municipal bathing beach. E. C. Blake, City Engr.

Minn., Dawson—City receives bids Oct. 1 for purchase of $25,000 sewer bonds. Noted Sept. 21.

Kan., Hanover—City plans sewer system.

Kan., Wichita—City plans Subdist. No. 3 of Lateral A of Sanitary Sewer No. 12. B. C. Wells, City Engr.

S. D., Clear Lake—City plans sewer system.

N. D., Fessenden—See item under "Water-Works."

Mo., Higginsville—City soon votes on $21,000 bonds for sewer system. Burns & McDonnell, 400 Interstate Bldg., Kansas City, Engr. Noted July 13.

Mo., Salisbury—City defeated $25,000 bond issue for sewer system. Noted July 6.

Tex., Cisco—City plans extending sewer system and building disposal plant. About $25,000.

Tex., Ennis—City plans sewer system and disposal plant. About $15,000. G. G. Edmond, City Engr.

Tex., Lockhart—City election Oct. 17 to vote on $35,000 sewer bonds. H. E. Elrod, Southwestern Life Bldg., Dallas, Engr. Noted June 29.

Tex., Mineral Wells—City Engineer submitted plans for disposal plant to State Sanitary Engineer, Austin, about $12,000. Noted June 8.

Okla., Kusa—City sold $25,000 sewer bonds. D. B. Anthony, Mayor. Noted Sept. 14.

Okla., Marlow—City soon votes on $25,000 bonds for sewer system.

Utah, Salt Lake City—City receiving bids Oct. 3 for sewers in Douglas St. G. Snow, City Recdr. S. G. Cannon, City Engr.

Wash., Toppenish—City Council plans sewers in Swasey and McQuestion Addition.

Ore., Eugene—City made plans for sewers in Cheshire Ave. and Jefferson St. A. Forneri, City Engr.

Calif., East San Diego—City soon lets contract for 40,000 ft. 6- to 16-in. main sewers and 60,000 ft. of lateral sewers. E. Paul Ford, City Engr.

Calif., Fresno—City making plans for storm sewers. B. E. Cronkite, City Engr.

Calif., Hermosa Beach—(Official)—City receiving bids Oct. 17 for sewage-disposal and treatment plant. C. R. Sumner, City Engr. Noted Aug. 17.

Calif., Los Angeles—City plans sewers in Woodlawn Ave. G. Cromwell, City Engr.

Calif., Modesto—City plans storm sewer in 11th St. About $30,000.

Calif., San Francisco—See item under "Streets and Roads."

Calif., Seal Beach—(Official)—City receiving bids in March for sewers and disposal plant. Olmstead & Gillelen, 1011 Hollingsworth Bldg., Los Angeles, Engr. Noted Sept. 14.

Que., Hull—City Council plans sewers and water mains in Scott St. About $8,000. J. P. A. Laforest, City Engr.

Ont., Lindsay—Town Council plans sewers and water mains. About $8,000. D. Ray, Town Clk.

B. C., Victoria—City plans sewers in Walker and John St. C. H. Rust, City Engr.

Bids In and Contracts Awarded

Conn., West Hartford—City let contract sewer in Waldridge Rd. to N. C. CASCIANO & CO., Hartford.

N. Y., New York—(Bronx)—(Official)—City let contracts sewers to GASPARINI & DEBLASIO in East 243rd St.; J. BUCKLEY, in West 238th St.; T. LAPADULA, in Byron and Matthews Ave.

N. Y., New York—(Manhattan)—Contract sewer in Dyckman St. let to HARBY, ABRONS & MELIUS.

N. Y., Salamanca—City let contract sanitary sewers to BUNCE & CARL, 125 Fulton St., Olean, $30,733.

N. Y., Waterbury—Contract storm sewer in Union Ave. let to GREEN & MARSHALL, Waterbury.

N. J., Bogota—(Hackensack post office)—(Official)—City received low bids Sept. 15 for sewer system, Sect. No. 2 from R. F. Relly, Oswego, $20,916; Martin, Miller & Pizzimenti, Caldwell, $21,608; C. S. Edwards Co., 1 Montgomery St., Jersey City, N. J., $23,515. Clyde Potts, 30 Church St., New York, Engr. Noted Sept. 7.

N. J., Newark—Passaic Valley Sewerage Comn. let contract portion Sect. No. 23 Intercepting Sewer in Warren St., Paterson, to CENEDELLA & CO., Passaic, $11,740.

N. J., South Amboy—Contract sanitary sewer let to THOMAS DOWNS.

Penn., Scranton—City let contract lateral sewers in Kellerman's Court to C. L. CAMP, 836 North Irving Ave., $391,000.

S. C., Columbia—(Official)—City let contract sewers to DYSARD CONSTRUCTION CO., Atlanta, Ga., $33,165. Noted Sept. 7.

Ala., Tuscaloosa—(Official)—City let contract storm sewer to M. T. MAXWELL, Tuscaloosa, $10,531. Noted Sept. 7.

Ohio, Columbus—City let contract 3d Sect. of 3d Ave. storm and sanitary sewer to O'DONNELL & THORNBERRY, $54,790. Noted Sept. 7.

Ohio, Dayton—City let contract sewers to T. P. STRACK, Goodall Bldg., Cincinnati, Bolender Ave., $7,147; Eaker St., $39,363. Noted Sept. 7.

Ohio, Elyria—City rejected bids received Sept. 5 for sewers in Prospect St., Haye Ave. and East Broad St., outlet sewer in West River and Florence St. M. M. Wilcox, Dir. Pub. Ser. Noted Aug. 13.

Ohio, Lancaster—City let contract storm and sanitary sewers to CLOVER & STREETS, Lancaster.

Ind., Decatur—City let contract Lake sewer to STEVENS & STEVENS. H. M. De Voss, City Clk.

Mich., Ann Arbor—City let Sanitary Sewer Contract No. 72 to E. L. SCHNEIDER, Ann Arbor, about $21,210.

Ill., Bloomington—City let contract Colton Ave. sewer system to D. H. RIDER, $7,765.

Ill., Chicago—(Official)—City received low bids for Niles Center Sewer Outlet from T. P. Garland, 1453 Belle Plaine, Chicago, $24,551; Marquette Construction Co., Chicago, $31,343; W. F. Cummings, $33,458.

Wis., Mosinee—City will build sewer in Main St. by day labor. E. H. Viele, Clk.

Iowa, Des Moines—City let contract sanitary sewer in East 28th St. to C. A. CARPENTER & CO., 6th and New York St.

Iowa, Griswold—(Official)—City let contract sewers to J. L. HAUSMAN, Des Moines, $21,000. Noted Sept. 14

Iowa, Riceville—City let contract sewer system to DE LA HUNT, Cedar Rapids, $6,175. Noted Feb. 17.

Minn., Claremont—(Official)—City let contract sewers to W. C. FRASER, $13,379. Noted Aug. 24.

Minn., Winthrop—City let contract for sanitary sewers to GAYLORD HARDWARE CO., $6,766. Noted Sept. 7.

Kan., Chetopa—City let contract sewer system to H. KOST, Joplin, $17,000. Noted June 8.

Neb., Beatrice—City let contract sewer in Dist. No. 22 to INTER-MOUNTAIN BRIDGE AND CONSTRUCTION CO., Tecumseh, $5,876. Noted Sept. 21.

N. D., Mandan—City let contract extending sanitary sewers to BADGER CONSTRUCTION CO., Fargo, $12,206. Noted Aug. 10.

Mont., Anaconda—City let contract storm sewer in 3rd St. to GLIFTON, APPLEGATE & TOOLE, $49,971. Noted May 4.

Mont., Hardin—City let contract sewer system and disposal plant to SECURITY BRIDGE CO., Billings, about $12,000. Noted Aug. 3.

Mo., Jefferson City—City let contract sanitary sewer and septic tank in Dist. No. 23 to L. BRUNER.

Mo., Trenton—City let contract sewers in Sewer Dist. No. 12 to HOOVE BROS. CONSTRUCTION CO. Noted Aug. 31.

Tex., Huntsville—City let contract sewer system to R. W. GRIFFIN, Ft. Worth, $21,129.

N. B., Moncton—City Council let contract sewer in Block 8 to D. T. LEBLANC and D. LEBLANC, $37,054. Noted Mar. 16.

Sewers (Continued)

Que., Chambly Basin—City let contract sewers to L. GIGUERE, Montreal, $15,400.

Ont., Ottawa—(Official)—City will build sewers on Booth St. by day labor. About $5,700. A. F. Macallum, Comr. Wks. Noted Sept. 14.

GARBAGE

Proposed Work

N. Y., New York—(Manhattan)—J. T. Fetherston, Comr. Street Cleaning, Municipal Bldg., receiving bids Oct. 5 for removal of snow and ice during winter season for 1916-1917; also for removal of snow and ice by districts. Noted Aug. 10.

N. J., Newark—Bd. Pub. Wks. making plans for incinerator plant and loading stations in various parts of city. M. R. Sherrerd, City Engr. Noted Sept. 14.

Mich., Flint—Michigan Fuel Co., Toledo, Ohio, submitted proposition to city for collecting and disposing of garbage. E. C. Shoecraft, City Engr. Noted Jan. 27.

Tex., Lockhart—City votes Oct. 17 on $35,000 bonds for garbage incinerator plant.

STREETS AND ROADS

Proposed Work

N. Y., Bath—Steuben County plans to build about 17.8 mi. macadam roads. About $252,120. Address County Clk., Bath.

N. Y., New York—(Manhattan)—(Official)—Marcus M. Marks, Borough Pres., Municipal Bldg., receiving bids Oct. 2 for repaving roadway Central Park Traverse Road No. 2, 5th Ave. and 79th St. to Central Park, W., and 81st St.

N. Y., New York—(Queens)—M. E. Connolly, Borough Pres., Borough Hall, Long Island City, receiving bids Oct. 5 for grading, curbing and laying sidewalks on portions Worthington Ave., Woodbine St., Custer St., Rockaway Blvd., Toledo St., Hunterpoint Ave., Cypress Ave., Fairview Ave., Madison St., Sedgwick St., Putnam Ave., 118th St. and Ditmars Ave.

N. J., Irvington—City plans to improve Roosevelt Terrace, bitulithic. I. J. Casey, City Engr.

N. J., Kearny—City plans to improve John St., macadam. H. P. Kreimer, City Engr.

N. J., Montclair—Town receiving bids Oct. 3 for paving and curbing South Fullerton Ave. H. Trippett, Clk.

N. J., Paterson—Bd. Freeholders Passaic County plans to spend about $1,000,000 for road work. Address County Clk., Paterson.

N. J., Newark—City sold $1,600,000 bonds for paving and sewers. M. R. Sherrard City Engr.

N. J., New Brunswick—Bd. Freeholders, Middlesex County, plans to pave portion Plainfield Ave., Piscataway Township. Address Clk., New Brunswick.

Penn., Beaver Falls—City soon receives bids for paving portions 11th St. and Atlantic Ave. C. S. Donaldson, City Engr.

Penn., Brownsville—Council receiving bids Sept. 29 for paving portion Prospect St. T. A. Waggoner, Secy.

Penn., Camp Hill—City plans to pave Market St., about $30,000.

Penn., Lebanon—Burks & Dauphin Turnpike Co. plans $75,000 bond issue for resurfacing turnpike roads. W. M. S. Moore, Pres.

Penn., Pittsburgh—City plans to repave Smithfield St., wood block, about $22,000. R. Swan, Dir. Pub. Ser.

Penn., Pittsburgh—Allegheny County plans to rebuild Browns Hill Rd., about $100,000. Address County Clk., Pittsburgh.

Penn., South Bethlehem—City plans election to vote on $10,000 paving bonds. R. M. Brady, City Engr.

Md., Baltimore—City plans to pave portion Wayard St., brick or asphalt. R. M. Cooksey, City Engr.

Va., Buckingham—Buckingham County plans election to vote on $50,000 road bonds. Address County Clk., Buckingham.

W. Va., Keyser—Mineral County receiving bids Oct. 7 for paving Keyser and Piedmont Rd., Keyser and Headsville Turnpike, Spring Rd., New Creek and Hardy Turnpike, Cut Off and Elk Garden Rds., New Creek Dist. Address County Clk., Keyser.

W. Va., Parsons—Tucker County plans election to vote on $500,000 road bonds. Address County Clk., Parsons.

W. Va., Ravenswood—Ripley County election Oct. 7 to vote on $150,000 road bonds. Address County Clk., Ravenswood.

W. Va., Ripley—Jackson County Ravenswood Dist., election Oct. 3 to vote on $150,000 road bonds. Address County Clk., Ripley.

W. Va., Wellsburg—(Official)—Brooke County receiving bids Oct. 20 for 10.5 mi. road. C. A. Eichelberger, Wellsburg, County Engr.

N. C., Trenton—Jones County, Trenton Township, voted $15,000 road bonds. Address County Clk., Trenton.

N. C., Wilkesboro—Wilkes County voted $250,000 road bonds. Address County Clk., Wilkesboro. Noted Aug. 31.

S. C., Chester—(Official)—City receives bids in about 60 days for paving estimated to cost $15,000. J. Hamilton, City Engr. Noted Sept. 14.

S. C., Greenwood—City plans sidewalks on portions Magnolia, Reynolds and Pressley St. and Oak Haven Court.

Fla., Bradentown—Manatee County making surveys for road and bridge work in Englewood Special Rd. and Bridge Dist. Address County Clk., Bradentown.

Fla., Brooksville—City receiving bids Oct. 19 for 7,140 sq.yd. concrete paving and 5,640 ft. concrete curb. About $9,469 available. H. McElroy, Tampa, Engr. Noted Aug. 31.

Fla., Mayo—City election Oct. 17 to vote on $600,000 road bonds. C. E. Henderson, City Engr.

Fla., Panama City—(Official)—Bay County voted $375,000 road bonds. Address County Clk., Panama City. Noted Sept. 7.

Fla., Tavares—Lake County, Leesburg-Howey Special Rd. Dist., voted $65,000 bonds for sand asphalt road connecting Howey with Leesburg. Address County Clk., Tavares.

Ala., Birmingham—City Com. ordered paving portion 15th Ave., about $10,600. J. Kendrick, City Engr.

Ala., Gadsden—City plans to pave portion 5th St., bitulithic. E. Smith, City Engr.

Ala., La Fayette—Chambers County receiving bids Oct. 20 for grading, draining and surfacing with top soil portion State Trunk Rd. No. 13, about $5,000. W. S. Keller, Montgomery, State Highway Engr.

Ala., Vernon—Lamar County Highway Comrs. receiving bids Oct. 9 for 16 mi. highway to complete route of proposed Jackson Highway through county. Address County Clk., Vernon. Noted Sept. 14.

Miss., De Kalb—(Official)—Kemper County receiving bids Oct. 11 for 50 mi. sand clay roads, Dists. Nos. 1 and 5. Snowden & Hauser, Columbus, Consult. Engr. Noted Sept. 14.

Miss., Ellisville—Jones County plans $300,000 bond issue for roads. Address County Clk., Ellisville.

Miss., Holly Springs—(Official)—Comrs. Marianna Rd. Dist. receiving bids Oct. 5 for 14 mi. sand clay roads including bridges and culverts. W. G. Kirkpatrick, 704 Farley Bldg., Birmingham, Ala., Engr. Noted Aug. 31.

Miss., Holly Springs—(Official)—Comrs. Marianna Rd. Dist. receiving bids Oct. 1 for $25,000 road bonds. Address L. J. Fant, Holly Springs.

Miss., Houston—Chickasaw County Comrs. receiving bids Oct. 6 for 8-mi. gravel road in Beat No. 1. Address County Clk., Houston.

Miss., Port Gibson—City receiving bids Oct. 2 for about 6 mi. sidewalks. C. R. Wharton, City Clk.

Miss., Winona—Citizens voted $100,000 road bonds. W. F. Blackston, City Clk. Noted Sept. 14.

La., Alexandria—(Official)—Comrs. Rapides Rd. Dist. No. 6 receiving bids Oct. 5 for about 17 mi. gravel road. H. S. Burrowes, Chn. I. W. Sylvester, Engr.

La., Columbia—Caldwell County plans election to vote on $40,000 road bonds. Address County Clk., Columbia.

La., Lake Charles—Calcasieu County, Calcasieu Parish, voted $900,000 road bonds. Address Clk., Lake Charles.

Tenn., Centerville—Hickman County voted $225,000 road bonds. J. T. Bates, Centerville, County Judge. Noted Aug. 10.

Tenn., Fayetteville—Lincoln County election Oct. 7 to vote on $450,000 bonds for road work. Address County Clk., Fayetteville.

Tenn., Manchestter—Coffee County plans bond issue for roads. Address County Clk., Manchester.

Tenn., Newport—Council passed ordinance to pave 2 mi. streets.

Tenn., Shelbyville—Bedford County defeated $350,000 road bonds. Noted Aug. 31.

Tenn., Waynesboro—Wayne County defeated $150,000 road bonds. Noted July 20.

Ky., Covington—City plans election to vote on $500,000 bonds for street improvements and bridges. H. G. Meiners, City Engr.

Ky., Harlan—City plans to macadamize Elm, Central, Mound, Main, Clover and 1st St.

Ky., Hickman—City plans to spend about $20,000 or $25,000 for street improvements and drainage.

Ky., Hopkinsville—(Official)—Rd. Comn. of Christian County, Court House, Hopkinsville, receiving bids Oct. 3 for resurfacing Sect. 7 of Greenville Rd., 12 mi.; Sect. 8 of Julien Rd., 9 mi.; Sect. 9 of Gracey Rd., 9 mi. L. J. Harris, Hopkinsville, County Clk. C. Folsom, County Bldg., Engr.

Ky., Pineville—Bell County election Nov. 7 to vote on $105,000 road bonds. Address County Clk., Pineville.

Ohio, Athens—Council passed resolution to improve portion Congress St. J. R. Sands, City Engr.

Ohio, Bay Village—Town receiving bids Oct. 17 for purchase of $72,267 road bonds. A. L. Miller, Clk. Noted Sept. 7.

Ohio, Cincinnati—City receiving bids Oct. 2 for paving Cora Ave. F. Krug, City Engr.

Ohio, Cincinnati—Council approved paving portions Eastern Ave., wood block or granite, about $80,537; Quebec Rd., granite, $214,375, macadam, $159,255. F. Krug, City Engr.

Ohio, Cincinnati—Hamilton County plans to improve Salem Pike, about $12,000. W. Boch, Cincinnati, County Surv.

Ohio, Cincinnati—Council to appropriate $80,000 for widening and improving Hoppel St. F. Krug, City Engr.

Ohio, Circleville—Council sold $34,000 street improvement bonds.

Ohio, Cleveland Heights—(Warrensville post office)—Village receiving bids Oct. 16 for paving Coventry Rd., brick, asphalt or macadam. H. H. Canfield, Village Clk.

Ohio, Columbus—Franklin County receiving bids Oct. 16 for road work in Pleasant Township. J. Scott, Columbus, County Clk. J. Peake, County Engr.

Ohio, Dayton—Council passed resolution to lay cement sidewalks on portion Milton St. F. O. Eichelberger, City Engr.

Ohio, Defiance—City sold $21,000 road bonds. V. D. Weisenburger, City Clk.

Ohio, London—Madison County receives bids about Oct. 15 for 1.7 mi. macadam on Cemetery Pike, Darby Township. A. Blacker, London, County Audr.

Ohio, Marion—Marion County receives bids about Oct. 15 for 3½ mi. macadam on Greenwood Rd., Salt Creek Township. P. Garfield, Marion, Clk.

Ohio, Pomeroy—(Official)—Village receiving bids Oct. 16 for paving portion Mechanic St., brick. W. J. Jones, Clk.

Ohio, Sebring—(Official)—Village receiving bids Oct. 9 for curbing and paving portion Oregon and Indiana Ave. and 18th St. H. Jenkins, Clk.

Ohio, Steubenville—Council passed ordinance to pave portion Henry Ave. J. N. Leech, City Engr.

Ohio, Suffield—Town receiving bids Oct. 2 for purchase of $20,000 road bonds. V. Miller, Clk.

Ohio, Warren—Council passed resolution to improve portion Hunter St. H. S. McKibben, City Engr.

Ohio, Warren—Council passed resolution to improve 1st St. H. G. McKibben, City Engr.

Ohio, Warren—Council passed ordinance authorizing $19,000 bond issue for improving Buckeye and Mulberry St. H. S. McKibben, City Engr.

Ohio, Woodsfield—(Official)—Village receiving bids Oct. 14 for curbing and paving with vitrified brick, also sewering, Home Ave. G. P. Dorr, Woodsfield, Clk.

Ohio, Xenia—City sold $91,000 paving bonds. J. P. Shumaker, City Engr.

Ind., Bedford—St. Lawrence County receiving bids Oct. 3 for gravel or macadam roads in Shawswick, Marshall, Guthrie and Spice Valley Township. E. W. Edwards, Bedford, Audr.

Ind., Bloomfield—Greene County receiving bids Oct. 3 for macadam roads in Stafford and Jefferson Township. G. E. Kidd, Bloomfield, Audr.

Ind., Brookville—Franklin County receiving bids Oct. 2 for 15,400-ft. road in Brookville Township. C. G. Reifel, Brookville, Audr.

Ind., Columbia City—Whitley County receiving bids Oct. 4 for gravel road in Cleveland Township. T. A. McLaughlin, Columbia City, Audr.

Ind., Corydon—Harrison County receiving bids Oct. 3 for gravel or macadam roads in Webster, Blue River and Harrison Townships. J. L. O'Bannon, Corydon, Audr.

Ind., Frankfort—Clinton County receiving bids Oct. 4 for gravel road in Forest Township. E. Spray, Frankfort, Audr.

Ind., Huntington—Huntington County receiving bids Oct. 4 for 2 roads in Union Township. O. E. Eviston, Huntington, Audr.

Ind., Indianapolis—Marion County receiving bids Oct. 6 for graveling or macadamizing road in Franklin Township. L. K. Fesler, Indianapolis, Audr.

Ind., Kokomo—Howard County receiving bids Oct 3 for stone road in Clay Township. W. L. Benson, Kokomo, Audr.

Ind., Lafayette—Tippecanoe County receiving bids Oct. 7 for 0.48 mi. road in Washington Township, 2.77 mi. in Perry Township and 2.48 mi. in Shelby Township. G. W. Baxter, Lafayette, Audr.

Ind., Laporte—Laporte County receiving bids Oct. 5 for roads in Lincoln, Clinton and Prairie Townships. F. A. Hausheer, Laporte, Audr.

Ind., Lawrenceburg—Dearborn County receiving bids Oct. 3 for road in Lawrenceburg Township. H. E. Lutherbeck, Lawrenceburg, Audr.

Ind., Liberty—Union and Franklin Counties, Liberty, receiving bids Oct. 14 for county line gravel road. G. W. Wray, Liberty, Audr. Union County.

Ind., Logansport—Cass County receiving bids Oct. 3 for road in Clay Township. A. P. Flynn, Logansport, Audr.

Ind., Martinsville—Morgan County receiving bids Oct. 3 for gravel roads in Jackson and Monroe Townships. S. Watson, Martinsville, Audr.

Streets and Roads (Continued)

Ind., Monticello—White County receiving bids Oct. 3 for crushed stone road in Union Township. A. G. Fisher, Monticello, Audr.

Ind., Rensselaer—Jasper County receiving bids Oct. 3 for stone roads in Gillam and Jordan Township and 1 in Jordan and Marion Townships. J. P. Hammond, Rensselaer, Audr.

Ind., Rockport—Spencer County receiving bids Oct. 7 for 4,200-ft. waterbound rock roads. J. F. Stocking, Rockport, Audr.

Ind., Rockville—Parke County receiving bids Oct. 3 for gravel roads in Liberty Township. C. Davis, Rockville, Audr.

Ind., Shelbyville—Shelby County receiving bids Oct. 4 for gravel road in Hanover Township. F. W. Fagel, Shelbyville, Audr.

Ind., Versailles—Ripley County receiving bids Oct. 2 for crushed stone road in Laughery Township. J. F. Lochard, Versailles, Audr.

Ind., Vincennes—Knox County receiving bids Oct. 3 for 11,200-ft. gravel road in Johnson Township and 15,840-ft. gravel road in Harrison Township. J. I. Muentzner, Vincennes, Audr.

Ind., Washington—Daviess County receiving bids Oct. 3 for gravel road in Veale Township. J. G. Clark, Washington, Audr.

Ind., Winamac—Pulaski County receiving bids Oct. 3 for gravel road. W. E. Munchenberg, Winamac, Audr.

Ill., Jacksonville—City plans to curb, gutter and pave West State St., asphalt, about $50,000. E. M. Henderson, City Engr.

Ill., Pontiac—City plans to spend about $38,100 for street paving. Contract to be let about February. J. C. Wade, City Engr.

Wis., New London—City plans to pave portions Wolf River Ave. and East Water St., about 10,050 sq.yd. concrete. H. R. Alberts, Court House, Green Bay, Engr.

Iowa, Red Oak—Montgomery County receiving bids Oct. 2 for grading highway, about 22,000 cu.yd. excavation. F. Osborn, Red Oak, Audr. C. D. Forsdeck, County Engr.

Kan., Augusta—(Official)—City soon lets contract for 10 blocks brick paving including guttering. J. R. Switzer, City Engr. Noted Sept. 7.

Kan., Columbus—(Official)—City receiving bids Oct. 4 for about 16,952 sq.yd. paving and 4,762 lin.ft. curb and gutter. F. H. Hawkins, City Clk. Noted Aug. 31.

Kan., Hoisington—Preliminary plans being made for paving various streets. W. B. Rollins & Co., 439 Railway Exchange Bldg., Kansas City, Mo., Engr.

Kan., Lawrence—City voted $39,836 street improvement bonds. E. H. Dunn, City Engr.

Neb., Fairbury—City election Oct. 10 to vote on $50,000 paving bonds. E. A. Wunder, City Clk.

Neb., Grand Island—City receiving bids Oct. 18 for paving in Dist. No. 20. H. W. Kibbey, City Engr.

Mont., Anaconda—(Official)—City receiving bids Oct. 2 for paving and curbing in Special Impvt. Dist. No. 90. M. J. Kelly, City Clk. W. B. Vestal, Jr., City Engr.

Mont., Bozeman—City receiving bids Oct. 5 for paving in Special Impvt. Dist. No. 125. C. C. Widener, City Engr.

Mont., Miles City—City soon receives bids for paving Main St.

Mo., Boonville—City plans to pave portion 6th St. E. T. Hale, Engr.

Mo., Carthage—City rejected bids for paving Grant and Main St. New bids. F. B. Newton, City Engr. Noted May 18.

Mo., St. Louis—Bd. Pub. Ser., Room 315, City Hall, receiving bids Oct. 10 for brick paving and granite curb portion Vermont Ave., $11,650; bitulithic paving and granite curb portion Clarence Ave., $8,850; bitulithic paving and concrete curb portion Wallace St., $15,150; bitulithic pavement and concrete curb portion Thekla Ave., $7,150. E. R. Kinsey, Pres.

Mo., Springfield—City rejected bids for paving Kickapoo Ave. New bids. O. D. Chrisman, City Engr. Noted Aug. 10.

Ark., Conway—H. R. Carter, State Highway Engr., Little Rock, made plans for gravel road from Conway to Saltillo, about $35,000.

Ark., Evening Shade—H. R. Carter, State Highway Engr., Little Rock, made plans for 50 mi. gravel road across Sharp County, about $95,000.

Ark., Forrest City—City making plans for paving about 6 mi. streets, asphalt or macadam, about $40,000. Landon & Hill, Little Rock, Engr.

Ark., Yellville—Marion County Comrs. will construct several miles of roads. J. F. Carson, Yellville, County Judge.

Tex., Bastrop—Bastrop County plans election to vote on $500,000 road bonds. Address County Clk., Bastrop.

Tex., Boerne—Kendall County plans election to vote on $125,000 road bonds. Address County Clk., Boerne.

Tex., Corpus Christi—City making plans for paving Williams, Taylor, Twigg and Mann St. and lower Broadway, bitulithic. About $150,000 available. H. A. Stevens, City Engr. Noted July 20.

Tex., Dallas—City plans to pave Oak Lawn Ave., bitulithic. H. Moseley, City Engr.

Tex., Franklin—Robertson County plans election to vote on $125,000 road bonds. Address County Clk., Franklin.

Tex., Gainesville—City plans to pave several streets. S. J. Brazetton, City Engr.

Tex., Hillsboro—City soon lets contract for street improvements to cost about $10,000. F. C. Metzger, City Engr. Noted Aug. 10.

Tex., Quitman—Wood County plans election to vote on $150,000 roads bonds for Dist. No. 6. Address County Clk., Quitman.

Tex., San Antonio—Toll Road Co. to build road to Medina Dam under supervision of C. X. Gutzelt. About $40,000.

Okla., Bartlesville—City soon receives bids for 30 blocks concrete paving. E. D. Kilpatrick, City Engr.

Okla., Grove Hill—Clarke County receiving bids Oct. 17 for improving portions Jackson and West Bend Rd. A. L. Smith, Grove Hill, County Engr.

Okla., Miami—Ottawa County, Quapaw Township, voted $40,000 road bonds. Noted May 18.

Okla., Weatherford—Custer County plans election to vote on $100,000 road bonds. Address County Clk., Weatherford.

Colo., Boulder—Council passed ordinance to build sidewalks on 10th and 11th St. J. R. Joslyn, City Engr.

N. Mex., Roswell—Chaves County plans $100,000 bond issue for road work. Address County Clk., Roswell.

Idaho, Pocatello—Council passed ordinance to improve South 3rd St., about $42,003; also grade and pave streets in Dist. No. 14. G. H. Giles, City Engr.

Idaho, Twin Falls—Council passed ordinance to pave 8th Ave., about $18,500. J. A. Bybee, City Engr.

Wash., Aberdeen—Council authorized street and drainage improvements in district west of Division St., about $26,000. L. D. Kelsey, City Engr.

Wash., Prosser—State Highway Comn., Olympia, receiving bids Oct. 9 for surfacing about 2 mi. Inland Empire Highway in Benton County. J. Allen, Olympia, Secy.

Calif., Fairfield—Solano County receiving bids Oct. 2 for gravelling portion Rd. No. 21. G. G. Halliday, Fairfield, County Clk.

Calif., Fresno—City passed resolution to pave portion Franklin Ave. B. E. Kronkite, City Engr.

Calif., Hanford—Kings County receiving bids Oct. 2 for highway No. 4, Divs. Nos. 1 and 2, about 9,500 cu.yd. excavation and 801,397 sq.ft. base and wearing surface. E. F. Pickerill, Hanford, County Clk.

Calif., Jackson—Amador County plans to spend about $12,000 for improving highways. Address County Clk., Jackson.

Calif., Oakland—City receiving bids Oct. 6 for improving Oak St. P. J. Brown, City Engr.

Calif., Red Bluff—Tehama County receiving bids Oct. 3 for graveling portion Paynes Creek Highway. H. G. Kuhn, Red Bluff, County Clk.

Calif., Sacramento—State Highway Comn., 595 Forum Bldg., receiving bids Oct. 9 for grading 3.6 mi. highway between Cotati and Petaluma.

Calif., Stockton—San Joaquin County receiving bids Oct. 3 for improving about 2 mi. Brookside Tract Highway. E. D. Graham, Stockton, Clk.

Ont., Hamilton—Council plans to spend $10,000 for road work.

Ont., Ottawa—City plans to spend about $11,261 for asphalt paving and sidewalks on Somerset St.

Ont., Walkerville—Council soon receives bids for 6,000 sq.yd. concrete paving. A. Miers, Clk.

Bids In and Contracts Awarded

N. H., Franklin—City let contract paving portion Central St. to WARREN BROS. CO., Boston, about $38,000. Noted July 27.

Mass., Boston—State Highway Comn. let contract section highway in Kingston to THOMAS & MURPHY, Middleboro, $6,433.

Conn., Bridgeport—Paving and Sewer Comn. let contract paving and sewers to E. D. TOMPKINS, INC., about $223,089.

Conn., Hartford—State Highway Comn. let contract 2 sections pavement on Smith Ridge Rd. and South Ave., New Canaan Township, to WARREN BROS. CO., 142 Berkeley St., Boston, about $48,000. Noted Aug. 10.

Conn., Hartford—State Highway Comn. let contracts road work to MASCETTI & HOLLEY, 72 Main St., Torrington, about $44,000.

Conn., Meriden—(Official)—Bd. Pub. Wks. let contract paving Veteran St. to L. SUZIO CONSTRUCTION CO., Meriden, $9,343. Noted Sept. 14.

N. Y., New York—(Brooklyn)—(Official)—Bids for curbing, paving and building sidewalks on portion Ave. J rejected. Noted Sept. 7.

N. Y., New York—(Brooklyn)—(Official)—Borough received low bid paving portion Smith St. from Newman & Carey Co., 1228 Nostrand Ave., $22,272; 88th St., McKenna & Gallagher, 1386 Sterling Pl., $6,046. Noted Sept. 14.

N. Y., New York—(Manhattan)—(Official)—Borough let contract paving 39th and 55th St. to SICILIAN ASPHALT PAVING CO., 41 Park Row; 125th St., ASPHALT CONSTRUCTION CO., Madison Ave. and 137th St.

N. Y., New York—(Manhattan)—(Official)—Low bidders paving West 134th St. from Broadway to Riverside Dr. were: Summit Engineering and Construction Co., $49,820; P. J. Duffy, $50,531; Dimenna & De Balso, $51,060.

N. Y., New York—(Manhattan)—(Official)—Low bidders street improvements were: Uvalde Asphalt Paving Co., 1 Broadway, Park Row, $17,981, Cathedral Pkway, $23,701; Asphalt Construction Co., Madison Ave. and 137th St., 88th St., $20,772, 126th St., $23,759.

N. Y., New York—(Manhattan)—(Official)—Barber Asphalt Paving Co., Woolworth Bldg., at $6,656, low bidder repaving approaches of City Island bridge over Pelham Bay Narrows. Noted Sept. 21.

N. Y., New York—(Richmond)—(Official)—R. Lamb, 90 West St., Manhattan, at $24,632, low bidder repaving portions Willow Brook and Port Richmond Rd. Noted Sept. 14.

N. Y., New York—(Richmond)—(Official)—J. I. Donovan, 2205 Richmond Terrace, Port Richmond, at $17,497, low bidder repaving portion Orient Ave., Louis and Prospect St. Noted Sept. 14.

N. Y., New York—(Richmond)—(Official)—J. E. Donovan, 2205 Richmond Terrace, Port Richmond, $23,290, low bidder repaving portion Westervelt Ave. Noted Sept. 14.

N. Y., New York—(Richmond)—(Official)—UVALDE ASPHALT PAVING CO., 1 Broadway, Manhattan, awarded contract for paving portion Amboy Rd., about $95,677. Noted Sept. 7.

N. Y., Olean—City let contract paving portion West Sullivan St. to BUNCE & CARL, 125 Fulton St., $4,500. Noted Aug. 3.

N. Y., Rensselaer—City let contract paving portions 1st St. to A. A. FOULER, 876 Broadway, $9,525. Noted Aug. 10.

N. J., Atlantic City—Bd. Comrs. let contract improving portions New Hampshire and other avenues to WARNER-QUINLAN ASPHALT CO., Syracuse, about $193,509. Noted Sept. 21.

N. J., Hackensack—City let contract surfacing portion State St. to E. C. HUMPHREY, Main St., about $13,522.

N. J., Hackensack—Joint Rd. Com. of Bergen and Hudson Counties, Hackensack, let contract improving Belleville Turnpike to C. T. KAVANAUGH, 34 West 55th St., Bayonne. Noted Sept. 21.

N. J., Ridgewood—(Official)—Bd. Comrs. let contract macadamizing portion Lenox Ave. to E. B. VAN HORN; curbs, gutters and concrete sidewalks on Clermont Rd., J. G. HOPPER Noted Sept. 14.

N. J., South Orange—Village let contract curbing and paving portion Academy St. to J. SILETTO, about $5,000.

Penn., Arnold—Borough let contract curbing and grading Woodmont Ave. and McCandless St. to W. W. SCHULTZ, New Kensington.

Penn., Cannonsburg—Town let contract paving South Central Ave. to PITTSBURGH SANITARY FLOORING CO., $6,285; Murdock St., R. WILSON, $5,542. Noted Sept. 7.

Penn., Lemoyne—Council let contract macadamizing Bosler Ave. to W. MARTIN, West Fairview.

Penn., Pittsburgh—(Official)—Allegheny County let contract Glass and West Run Rd. to McCRADY BROS. CO., Braddock, $61,402; Wilmerding and Monroeville Rd., R. H. CUNNINGHAM & SONS, Turtle Creek, $17,780.

Penn., Pittsburgh—(Official)—Allegheny County let contract improving Sect. "O" Banksville Rd. to H. McMULLEN CO., Banksville, $22,430. Noted Sept. 14.

Penn., Pittsburgh—Bd. Education let contract excavating and grading around New Greenfield School, Haworth St., to S. GAMBLE CO., 230 East Main St., Carnegie, about $19,167.

Penn., Pittston—City let contract paving Blackman Alley and Race St. to PERRY & DAVIS, about $5,168.

Penn., Uniontown—North Union Township let contract improving Laurel Hill Rd. to REAGAN, LYNCH & CO.

Md., Baltimore—City let contract grading and paving 25 alleys to CONTINENTAL CONTRACTING CO., $26,325; SLINGLUFF-BROWNE CO., 1405 Munsey Bldg., $11,970; ARUNDEL CONSTRUCTION CO., 329 South Caroline St., $8,348. Noted Sept. 14.

Md., Frederick—Frederick County received low bid Monrovia-Hyattstown Rd. from H. W. KAYLOR, Hagerstown, about $14,719.

Va., Salem—(Official)—Roanoke County rejected bids for 8 mi. macadam road. Noted Sept. 7.

Va., Suffolk—City let contract curbing and guttering to HECK & CLARK, about $8,000.

W. Va., Piedmont—(Official)—City let contract 8,400 yd. paving, including curbing, to ATLANTIC

Streets and Roads (Continued)

BITULITHIC CO., Richmond, $16,600; 11,800 sq.yd. to H. F. SMITH, Piedmont, $21,600. Noted Sept. 7.

W. Va., Wheeling—City let contract paving Brookside Ave. to LEMMON & LYLE, Wheeling, about $7,200.

N. C., Greenville—City let contract 70,000 sq.yd. paving to SOUTHERN PAVING CONSTRUCTION CO., Chattanooga. Noted June 22.

Fla., Palatka—Putnam County let contract 11 mi. road to GLISSON & HANCOCK, about $23,500. Noted Sept. 21.

Ala., Athens—Limestone County to improve portion Jackson Highway by force account, about $9,000 available. Noted Sept. 21.

Ala., Rockford—(Official)—Coosa County let contract 25 mi. road to STANLEY & LINGER, Lafayette, $44,145. Noted Aug. 31.

Miss., Moss Point—City let contract 5 mi. paving to JETT-MUTH CONSTRUCTION CO., Mobile, Ala.

Tenn., Jackson—City let contract 32,500 sq.ft. sidewalks to T. L. HILLIARD, Jackson.

Ky., Harrodsburg—City let contract paving Main St., asphaltum, to WINCHESTER CONSTRUCTION CO., Winchester, and J. HARVEY VAN DIVER, Harrodsburg.

Ky., Lexington—City let contract paving portion Cramer and Arceme Ave. to CAREY-REED CO., Lexington.

Ky., Louisville—Bd. Pub. Wks. let contract improving 2d St. to LOUISVILLE ASPHALT CO., Louisville, $6,850.

Ky., Mt. Sterling—City let contract paving portion Richmond Ave. to J. RICHARDS.

Ohio, Akron—Summit County received low bid improving Wooster Rd. from J. M. DAVIDSON, $53,663. Noted Aug. 31.

Ohio, Canton—Stark County let contract paving Frecburg Rd. Extension, Washington Township, to W. Vogt, Massillon.

Ohio, Cincinnati—City let contract improving portion Altoona St. to KIRSCHNER CONSTRUCTION CO., 221 West 9th St.

Ohio, Dayton—City let contract paving Lakeview Ave. to E. RYAN, Springfield, $41,998; Western Ave., GEIGER & FINKE, $13,575.

Ohio, Dover—City let contract repaving Wooster Ave. to McELFRESH, DANFORTH & GLOVER, Caldwell, $7,599. Noted June 8.

Ohio, Mingo—City let contract paving St. Clair St. brick to BICKERSTAFF & PATTERSON, $7,231. Noted Aug. 3.

Ohio, Oak Hill—State Highway Comn., Columbus, let contract improving portion Jackson-Oak Hill Rd. to MAHL BROS., Ironton, about $29,061.

Ohio, Shaker Heights—Village let contract for road improvements, (4) jobs, to CLEVELAND TRINIDAD PAVING CO., 420 Lakeside Ave., Cleveland. Noted Sept. 14 under "Water-Works."

Ohio, Springfield—City let contract paving portion Euclid Ave. to KRUMHOLTZ & HOUNKER, about $36,000. Noted Aug. 10.

Ohio, Steubenville—City let contract paving St. Clair St. to PATTERSON & BICKERSTAFF.

Ohio, Wapakoneta—Auglaise County let contract Bowsher Pike to T. E. BOWSHER, F. REDDICK and R. F. BAKER about $19,000.

Ohio, Wooster—County let contract paving Mt. Eaton Rd. to LEE GRIGGS & ANDERSON, about $64,000. Noted Sept. 14.

Ohio, Zanesville—City let contract paving portion Moorhead Ave. to BOLEN & HOWELL, $5,772.

Ind., Cannelton—County received no bids for stone road in Oil Township. Noted Aug. 17.

Ind., Ft. Wayne—Board Pub. Wks. let contracts sidewalks to GROSJEAN & ROEMER.

Ind., Marion—Board Wks. let contract improving portion 22nd St. to D. ARTIS.

Ind., New Albany—County let contract Green Valley Rd. No. 3, New Albany Township, to W. F. WOODRUFF, Louisville, about $15,007.

Ind., Portland—Jay County let contract brick roads in Wayne and Richland Townships and stone road in Pike Township to W. R. SPRINKLE, Portland, $19,324. Noted Sept. 21.

Ill., Chicago—Cook County let contract 4¾ mi. concrete paving in Breen Township to J. A. McGARRY CO., Chicago, about $89,186.

Ill., East St. Louis—City let contract paving portion 23rd St. to McCABE & MAULE CONSTRUCTION CO., $28,000. Noted July 27.

Ill., Elgin—(Official)—City let contracts paving to ILLINOIS HYDRAULIC STONE AND CONSTRUCTION CO., Elgin, Monroe St., $5,469, Worth Ave., $7,686; McCARTHY IMPROVEMENT CO., Davenport, Iowa, Douglas Ave., $16,983.

Ill., Jacksonville—Interstate Paving Co., $7,722, only bidder paving South Clay Ave.

Ill., Paris—Edgar County let contract graveling Preston Rd. to C. & B. CONNERY; Asher Rd., L. E. FORD; Morris Rd., B. BAUM.

Ill., Rock Island—City let contract paving portion Railroad Ave. to CONCRETE CONSTRUCTION CO. Noted Aug. 31.

Ill., Rock Island—City let contract paving portion 10th Ave. to CONCRETE CONSTRUCTION CO., $1.95 per sq.yd. Noted Aug. 31.

Ill., Rock Island—City let contract paving portion 23d St. to TRI-CITY CONSTRUCTION CO., 304 Putnam Bldg., Davenport, Iowa. Noted Apr. 13.

Wis., Green Bay—Council let contract improving South Broadway to F. P. COUGHLIN, Milwaukee.

Wis., Racine—Board Pub. Wks. let contract 40,000-ft. cement sidewalks to FLEXIBLE CONSTRUCTION CO. and JENSEN & PETERSEN. Noted Sept. 21.

Iowa, Ottumwa—(Official)—City let contract paving portion West 2d St. to J. C. BLUMK, Ottumwa, about $35,000. Noted Sept. 7.

Minn., Duluth—City let contract paving 6th Ave. to J. JOHNSON, $19,649. Noted Sept. 14.

Kan., Hutchinson—City let contract paving 13th St. to BEEBE BROS., $17,150; 19th St., STEAMEY-MACKEY CONSTRUCTION CO., $6,205. Noted Aug. 31.

Kan., Lavenworth—City let contract paving Broadway to E. JONES. Noted Sept. 21.

Minn., St. Paul—City let contract grading Grantham St., E., to E. JOHNSON, $4,284.

N. D., Bismarck—City let contract paving to FORD PAVING CO., about $450,000 or $500,000.

N. D., Bismarck—City let contract 43,600 sq.yd. paving in business Dist. to HANLON & OKES, Minneapolis $114,872. Noted Aug. 17.

Wyo., Casper—City let contract paving to WARREN CONSTRUCTION CO., Portland, about $40,000. Noted Aug. 10.

Mont., Billings—(Official)—City let contract for paving in Dist. No. 152 to WARREN CONSTRUCTION CO., $51,564. Noted Aug. 31.

Mont., Helena—City let contract paving portion Broadway to D. SWEENEY, $5,395. Noted Aug. 10.

Mo., Dexter—City let contract 7 blocks paving to F. CARMEAN, Dexter, about $17,000.

Mo., Hannibal—City let contract paving Union St. to WILSON & YOEMAN. Noted Sept. 7.

Mo., St. Joseph—City let contract paving portion Edmonton St. to METROPOLITAN PAVING CO., Corby-Forsee Bldg., $6,931.

Mo., St. Louis—Bd. Pub. Ser. received bids improving portion Destrehan St. from Perkinson Bros., 3237 Carter Ave., $7,738; Skranka Construction Co., Security Bldg., $7,883; T. E. Cavanaugh, 5335 Minerva Ave., $7,940. Noted Sept. 7.

Mo., St. Louis—Bd. Pub. Ser. received bids for improving portion Locust St. from Trinidad Asphalt Manufacturing Co., $68,133, and F. P. McCormick, $69,209. Noted Sept. 7.

Ark., Van Buren—Comrs. Paving Dist. No. 2 let contract paving to A. ELEFFSON, Ft. Smith, about $12,000.

Tex., Houston—Harris County let contract paving Clinton Rd. to P. G. BURNS, $6,810; gravel for same to EAGLE LAKE GRAVEL CO., $5,400; Alameda Rd., COUCH & HOLLIGER, $5,060.

Tex., Sweetwater—City let contract paving portion Locust and Ash St. to J. ASH, about $10,988.

Okla., Blackwell—City let contract paving in Dists. Nos. 2 and 3 to M. A. SWATEK & CO., Oklahoma City.

Utah, Ogden—City let contract paving portion Lincoln Ave. to J. P. O'NEILL CONSTRUCTION CO., Ogden, about $37,755.

Utah, Salt Lake City—(Official)—City let contract paving Beck St. to J. W. MELLEN, Auditorium Bldg., $35,616. Noted Sept. 7.

Wash., Camas—City let contract paving Clark St to A. J. WELTON, Portland, about $5,967. Noted Sept. 14.

Wash., Okanogan—City let contract improving 4th and 2d Ave. to L. M. DAVENPORT, Omak, and C. SCHALLER, Okanogan, about $13,000.

Wash., Port Angeles—City let contract 7 blocks paving to J. TORNEI & CO., Port Angeles, $21,404.

Wash., Seattle—City let contract improving Alki Ave. and other streets to D. H. TRAPHAGEN, 806 Alaska Bldg., $26,207.

Wash., Seattle—Coluccio & Niblett, 1641 Lane St., at $36,473, low bidder paving Rainier Ave. Noted Sept. 14.

Wash., Seattle—J. A. Baumgartner, 711 16th Ave., at $21,228, low bidder paving Olive St. Noted Aug. 3.

Wash., Waterville—Douglas County let contract Permanent Highway No. 4 to J. T. SMITH, Prosser, about $19,879. Noted May 25.

Ore., Portland—Council let contract paving East Davis and East 16th St. to OREGON HASSAM PAVING CO., Portland, $13,051. Noted Sept. 14.

Calif., Auburn—City let contract highway to PAUL & CALDWELL, Stockton.

Calif., Burlingame—San Mateo County let contract paving FEDERAL CONSTRUCTION CO., Sharon Bldg., S. F., $4,000.

Calif., Colusa—Colusa County rejected bids for improving Sycamore Highway. Work to be done by day labor.

Calif., Fresno—City let contract improving South Angus St. and 2 alleys in Blk. No. 127 to THOMPSON BROS. Noted Sept. 7.

Calif., Hanford—Kings County let contract 15.25 mi. Highway No. 3, Div. 2 and 1A, Sects. 2 and 3, to RAISCH IMPROVEMENT CO., San Francisco, $61,387.

Calif., Lindsay—City let contract 9 blocks paving to WORSWICK STREET PAVING CO., Fresno. Noted July 13.

Calif., Los Angeles—City let contract improving Normal Ave. to COAST CONSTRUCTION CO., 1419 East 29th St., about $7,703.

Calif., Los Angeles—City let contract improving portion Gaffey St. to FAIRCHILD-GILMORE-WILTON CO., Pacific Electric Bldg., $33,228.

Calif., Los Angeles—Los Angeles County received bids improving Wright and Tweedy Rd., Dist. No. 94, from R. H. McCray Co., 422 American Bank Bldg., $19,338; White & Gaskill, $19,400; F. Hoffman, $19,500.

Calif., Oakland—City let contract improving 11th and Fallon St. to OAKLAND PAVING CO., 5,000 Broadway; Fairfax Ave. and Delaware St., HUTCHINSON CO., 13th and Franklin St.

Calif., Pasadena—City let contract improving Holliston Ave. to T. G. BREITENSTEIN, 465 Van Wyck St., $10,778. Noted Aug. 3.

Calif., Sacramento—City let contract improving Crandall Lane and Sacramento Ave. to CLARK & HENEREY CONSTRUCTION CO.

Calif., Sacramento—City let contract improving Spafford Ave. to A. TEICHERT & SON.

Calif., Sacramento—City let contract sidewalks on S and T St. to L. BEANCALANA; M St., A. OLSEN, 2724 1st Ave.

Calif., San Francisco—City let contract paving and sewering Capitol Ave. to RANSOME-CRUMMEY CO., First National Bank Bldg., Oakland, $21,186.

Calif., San Francisco—City let contract grading Farallone St. to FLINN & TREACY, First National Bank Bldg., $4,557.

Calif., San Jose—Santa Clara County let contract macadam pavement on Trimble Rd. to J. P. DEMPSEY, $4,685.

Calif., San Rafael—Marin County let contract highway to S. P. BROWNLEE.

Calif., Santa Ana—Orange County let contract Sulphur Slide Highway in Santa Ana Canyon to H. CLAY, Kellogg.

Calif., Stockton—City let contract improving streets in northern part of city to CLARK & HENERY CONSTRUCTION CO., $27,227.

Calif., Ventura—Ventura County let contract grading and culverts on 2.08 mi. Santa Susana Pass Highway to C. L. HYDE CONSTRUCTION CO., 333 Spreckels Bldg., San Diego, $27,884. Noted Sept. 21.

Calif., Ventura—Ventura County let contract grading and culverts on county road to ISBELL CONSTRUCTION CO., San Diego, $4,884.

Ont., Copper Cliff—City let contract macadam road between Copper Cliff and Sudbury to LAW & CO., 136 Hillsdale Ave., E., Toronto, about $14,000.

Ont., Sudbury—City let contract concrete sidewalks to D. L. BROWN, Sudbury, about $8,000. Noted Mar. 16.

Ont., Tilbury—Council let contract paving to SCRATCH & LISK. Noted June 29.

INDUSTRIAL WORKS

Proposed Work

Mass., Boston—Boyd & Berry, 11 Grampian Way, plans 1-story, 100x120-ft. garage. About $25,000.

Mass., Boston—A. Nahass, 17 Edenboro St., making plans for 3-story factory and bakery. About $12,000. M. J. Mastrangelo, 40 Court St., Arch.

Mass., Palmer—Springfield Street Railway Co. making plans for car barn. E. L. Putnam, Mutual Bldg., Springfield, Mass., Supt.

R. I., Providence—Thomas Grimes & Bro., Inc., 191 South Main St., making plans for 2-story, 54x80-ft. garage. About $23,000. W. C. Richards, 17 Exchange St., Arch.

N. Y., Buffalo—Parke, Hall & Co. plans factory.

N. Y., Derby—E. Michael, Brisbane Bldg., Buffalo, made plans for 2-story, 40x60-ft. garage. About $20,000.

N. Y., New York—(Brooklyn)—C. A. Wheeler, 51 Beach St., making plans for factory and stable. About $75,000. Kreymborg Architectural Co., 1029 East 163d St., Arch.

N. Y., New York—(Manhattan)—Cordette Realty Co. plans 12-story garage and warehouse at 104 West 6th St. N. Hirsch, Pres.

N. Y., New York—(Manhattan)—W. Lang, 205 West 41st St., receiving bids for 5-story, 55x100-ft. brick garage at 157 East 84th St. About $70,000. C. P. Johnson, 30 East 42nd St., Arch.

N. Y., New York—(Queens)—Cambridge Soap and Chemical Co., 675 Madison Ave., Manhattan, plans 4-story factory at Hamilton and Harris Ave., Long Island City.

N. Y., Sonyea—Craig Colony for Epileptics receiving bids Oct. 10 for 2-story cold-storage plant. L. F. Pilcher, Capitol, Albany, Arch. Noted July 27.

N. Y., Thiells—See item under "Buildings."

Industrial Works (Continued)

N. J., Camden—Southwark Manufacturing Co. making plans for 1-story plant. About $20,000. Moffett & Stewart, 30 North 3d St., Arch.

N. J., Iona—J. L. Leonard plans factory.

N. J., Jersey City—Hudson Laundry Co. made plans for 1-story, 200x210-ft. laundry. About $60,000. F. A. Hale, 476 11th Ave., New York, Arch.

N. J., Plainfield—J. D. Loizeaux Co. plans factory.

N. J., Trenton—Castanea Diary Co. making plans for 3-story dairy. About $15,000. Kleeman & Fowler, First National Bank Bldg., Arch.

Penn., Chester—Chester Brewing Co. making plans for addition to plant. Pocucket & Wunder, 310 Chestnut St., Philadelphia, Arch.

Penn., Chester—G. G. Meeley of American Auto Tire Co., 154 North Broad St., Philadelphia, plans addition to factory at Chester.

Penn., Coatesville—Wagner Baking Co. making plans for 2-story, 75x140-ft. milk and cold-storage plant. About $20,000. Kern & Carroll, Pennegar Bldg., Arch.

Penn., Girardville—Valentine Manufacturing Co. making plans for factory.

Penn., Harrisburg—Pennsylvania Milk Products Co. made plans for 1-story, 40x100-ft. milk depot and dairy building. About $35,000. C. D. Cooley Co., Century Bldg., Pittsburgh, Arch. Noted Aug. 24.

Penn., Lebanon—Cornwall Ore Bank Co. plans to improve plant. About $50,000.

Penn., Philadelphia—Friehofer Baking Co. making plans for brick bakery on 42d St. Peuckert & Wunder, Arch.

Penn., Philadelphia—J. L. Heermann, 4136 Lancaster Ave., making plans for 2-story, 90x100-ft. bakery. About $25,000. C. R. Balderston, 411 Walnut St., Arch.

Penn., Pittsburgh—Kaufman Bros., 24 West Grant Ave., plans 8-story warehouse on River Ave. and Sturgiss St. About $1,000,000.

Penn., Pittsburgh—National Biscuit Co. plans factory.

Penn., Pittsburgh—Standard Underground Cable Co. plans factory at 17th and Pike St.

Penn., Reading—Reading Dyeing Co. plans additions.

Va., Staunton—State Lime Bd. plans additions to lime plant.

N. C., Bynum—J. M. Odell Manufacturing Co. making plans to rebuild plant. R. C. Biberstein, Charlotte, Arch. Noted Aug. 17.

N. C., Charlotte—Clinchfield Manufacturing Co. plans addition.

N. C., Elkin—Chatham Manufacturing Co. making plans for addition. Lockwood, Greene & Co., 60 Federal St., Boston, Mass., Arch.

N. C., Mountain Island—(Mt. Holly post office) Armon Manufacturing Co. plans plant. About $150,000.

S. C., Greenville—American Machine and Manufacturing Co. plans additions.

Ga., Atlanta—Bird-Wilcox Co. plans plant at 24 Harwell Pl. About $10,000. G. Bird, Pres.

Ala., Anniston—Alabama Power Co. plans 5 electric steel furnaces. About $1,000,000.

Ala., Birmingham—Concrete Steel Co. plans warehouse and shipping factory. E. W. Piez, Southern Mgr.

Ala., Ensley—Birmingham Slag Co. plans additions. About $75,000.

Tenn., Oneida—G. Andrews, Pres., Richmond Hosiery Mills, Rossville, Ga., and associates plan knitting mill at Oneida.

Ohio, Alliance—Alliance Machine Co. plans additions. About $500,000.

Ohio, Cleveland—Ackerman Wheel Co. plans plant. W. A. Bennett and H. McIntyre, 1108 Engineers' Bldg., Wilmington, Del., interested.

Ohio, Cleveland—Arco Co. making plans for factory. Osborn Engineering Co., Engineers Bldg., Arch.

Ohio, Cleveland—Cleveland Co-operative Stove Co., 2323 East 67th St., plans factory on Harvard Ave., S. E. About $200,000.

Ohio, Cleveland—S. E. Detelbach, Williamson Bldg., making plans for 3-story, 100x150-ft. factory. About $15,000. Grieble Engineering Co., Cuyahoga Bldg., Arch.

Ohio, Cleveland—Fisk Rubber Co., 2037 Euclid Ave., plans 2-story, 114x120-ft. building at East 23d St. and Chester Ave., N. E. About $60,000.

Ohio, Cleveland—H. F. Neighbors plans garage and service station at East 30th and Chester St. About $35,000.

Ohio, Cleveland—Peerless Motor Car Co., East 93d and Quincy St., soon receives bids for 3-story, 63x161-ft. addition. About $150,000. E. McGeorge, 853 Leader-News Bldg., Arch. Noted Oct. 21.

Ohio, Cleveland—W. Plotz Iron Works Co., 401 Champlain Ave., made plans for 3-story factory. About $40,000. Noted July 27.

Ohio, Cleveland—Sheer Bros. Fence and Iron Co., 715 East 103d St., plans factory. About $100,000. J. T. Sheer, Pres.

Ohio, Cleveland—Swift & Co. made plans for 4-story addition to tank house at 3181 West 65th St. and 3-story fertilizer building adjoining.

Ohio, Columbus—E. W. Zigler plans 2-story rein.-con. factory on North 4th St.

Ohio, Coshocton—Compton-Price Co. plans additions.

Ohio, Coshocton—Coshocton Glass Co. plans addition to plant.

Ohio, Fremont—Herbrandt Co., East State St., plans addition. About $200,000.

Ohio, Lorain—Pennsylvania Lines west of Pittsburgh plans machine shop, roundhouse and repair yards. T. Rodd, Pennsylvania Station, Pittsburgh, Ch. Engr.

Ohio, Marysville—Standard Stamping Co. plans 1-story, 200x200-ft. addition. C. C. Armstrong, Mgr.

Ohio, Sandusky—Cleveland-Sandusky Brewing Co. plans improving Kuebeler and Stang plants. About $100,000.

Ohio, Sandusky—R. J. Dann Extract Co. plans factory.

Ohio, Warren—Trumbull Steel Co. plans additions. About $3,000,000.

Ohio, Washington C. H.—Midland Grocery Co. made plans for building. O. Darst, Arch.

Ohio, West Liberty—West Liberty Milk Condensing Co. plans 1-story factory. About $25,000. E. W. Neidig, 115 North 3d St., Goshen, Ind., Mgr.

Ohio, Youngstown—Republic Rubber Co. plans warehouse and addition to plant.

Ind., Ft. Wayne—Anthony Knitting Mills making plans for 2-story addition. J. M. E. Riedel, 305 Schmitz Bldg., Arch.

Ind., Jeffersonville—Pennsylvania Lines West of Pittsburgh plans roundhouse at 14th St. and Harrison Ave. T. Rodd, Pennsylvania Station, Pittsburgh, Ch. Engr.

Mich., Alma—Republic Motor Truck Co. plans addition. F. W. Rugtruck, Pres.

Mich., Detroit—Packard Motor Co. plans, 6-story, rein.-con. building. About $150,000. A. Kahn, 58 Lafayette Ave., Arch.

Mich., East Jordan—East Jordan Cabinet Co. making plans to rebuild plant.

Mich., Grand Haven—Keller Pneumatic Tool Co. plans factory.

Mich., Grand Rapids—H. E. Barclay making plans for 2-story brick and steel factory on Front Ave. H. H. Weenhoff, Arch.

Mich., Kalamazoo—Kalamazoo Malleable Iron Co. plans factory.

Mich., Muskegon—Campbell Manufacturing and Foundry Co. plans rein.-con. factory on Western Ave. About $25,000.

Mich., Muskegon—Muskegon Paper Box Co. plans 2-story brick factory on Western Ave.

Mich., Muskegon Heights—Standard Malleable Iron Works plans additions.

Mich., Niles—Towar Cotton Mills Co. plans plant. G. A. Merritt, Detroit, Secy. and Treas.

Mich., Pontiac—O. J. Beaudette Co. plans additions.

Mich., St. Joseph—Michigan Malleable Manufacturing Co. plans machine shop.

Ill., Bloomington—Motor Car Sales Co. making plans for 2-story, 100x120-ft. building.

Ill., Chicago—Acme Packing Co. making plans. About $250,000. Gardner & Lindberg, 140 South Dearborn St., Arch. Noted July 27.

Ill., Chicago—Linde Air Products Co., 42d St. Bldg., New York, plans building at Wall and 37th St. About $75,000.

Ill., De Kalb—Nature's Rival Co., 1028 West Van Buren St., made plans for factory.

Wis., Grafton—Western Dyeing and Bleaching Co. making plans for 2-story, 60x100-ft. factory. About $10,000. W. F. Hilgren, Cedarburg, Arch.

Wis., Mauston—R. R. Kastner making plans for 2-story, 80x200-ft. warehouse. Pratt Bros., Arch.

Wis., Milwaukee—Industrial Controller making plans for 2-story, 60x125-ft. factory. H. C. Hengels, First National Bank Bldg., Arch.

Wis., Racine—Harvey Spring and Forging Co. plans 100x200-ft. plant. W. T. Harvey, Secy. and Treas.

Iowa, Muscatine—Iowa Culvert and Sheet Metal Co. making plans for additions.

Minn., Austin—T. Burnham made plans for brick laundry.

Minn., Minneapolis—Pure Oil Co. plans plant. About $10,000. J. Hancock, Pres.

Minn., St. Paul—Johnston Manufacturing Co. making plans for 2-story, 44x120-ft. factory. About $10,000. B. J. Taylor, 367 North Prior Ave., Arch.

Minn., St. Paul—J. T. McMillan & Co., St. Clair St., plans 5-story, 80x100-ft. rein.-con. packing plant. About $100,000.

Minn., St. Paul—Minnesota Broom Co. plans factory in Midway Sect. About $30,000.

Minn., South St. Paul—M. J. Osborn plans automobile distributing and service station and office building on Concord St. About $35,000.

Kan., Garden City—Dockum & Whitaker Mill Co. granted permit for plant on Main St.

Neb., Norfolk—Albough Dover Co. making plans for 1-story, 80x100-ft. factory. About $20,000.

S. D., Bellefourche—Great Western Beet Sugar Co., Denver, Colo., plans factory at Bellefourche.

N. D., Fargo—Great Northern Ry. plans warehouse on 4th St. A. H. Hogeland, St. Paul, Minn. Ch. Engr.

Mo., Kansas City—Aines Farm Dairy Co. making plans for 3-story building at 31st St. and Gillham Rd. About $75,000. Shepard, Farrar & Wiser, Arch.

Mo., Kansas City—Greenlease Motor Car Co. plans 3-story building on Robert Gillham Rd. About $175,000.

Mo., St. Louis—Claes & Lehnbeuter Manufacturing Co. made plans for factory at 7th St. and Russell Ave. About $50,000. Helfensteller, Hirsch & Watson, Arch.

Mo., St. Louis—Independent Packing Co. plans 5-story plant at 2815 Chouteau Ave. About $100,000.

Mo., Springfield—Springfield Creamery Co. plans addition. About $35,000.

Ark., Magnolia—Columbia County Farmers' Organized Warehouse Co. plans warehouse. J. T. Souter, Pres.

Tex., San Antonio—Mission Ice and Fuel Co. made plans for plant. About $55,000. M. J. Dielman, 306 East Commerce St., Arch.

Tex., Texarkana—Texas Glass Co. plans improving plant. About $50,000.

Colo., Denver—Roberts Auto Co. plans 2-story brick factory. About $15,000.

Utah, Ogden—Ogden Wholesale Drug Co. made plans for 3-story, 42x134-ft. rein.-con. building. About $45,000.

Utah, Salt Lake City—Galigher Machinery Co., 165 Pierpont St., plans plant at 5th, W. and 8th S. St.

Ore., North Portland—Oregon-Washington Railroad and Navigation Co. plans warehouse. S. Murray, Wells Fargo Bldg., Portland, Act. Ch. Engr.

Ore., Portland—Columbia Engineering Works making plans for shipbuilding plant.

Calif., San Francisco—Pacific Envelope Co. made plans for 4-story factory at 2d and Harrison St. About $100,000. W. Crim, Jr., 425 Kearny St., Arch.

Calif., San Francisco—A. G. Spaulding & Bros., 158 Geary St., plans 2-story factory on 9th St.

Que., Sherbrooke—Iron and Metal Supply Co., 400 Power Bldg., Montreal, plans factory at Sherbrooke. About $15,000.

Bids In and Contracts Awarded

Maine, Portland—Miles B. Mank Motor Car Co. let contract 2-story, 90x130-ft. garage and salesroom to N. E. REDLON CO., 80 Union St. Noted Mar. 30.

Mass., Boston—(Roxbury)—Drake Bros. Co., 85 Savin St., let contract 2-story, 47x97-ft. bakery to WHUTON & HAYNES CO., 200 Devonshire St.

Mass., Chelsea—Fleischer Bros., 59 Elm St., will build 2-story, 45x95-ft. addition by day labor. About $12,000. Noted Aug. 24.

Mass., Chelsea—Market Forge Co., 217 5th St., let contract 2-story factory to CLARK & LEE CO., 201 Devonshire St., Boston. About $25,000.

Mass., Great Barrington—E. F. Searles let contract 1-story, 55x78-ft. garage to D. H. SHAW, Great Barrington. About $30,000.

Mass., Malden—Malden Biscuit Co. let contract 2-story, 40x80-ft. brick factory to H. DOODELSACK, 103 4th St., Chelsea. About $16,000. Noted Sept. 7.

Mass., Salem—Cass & Daley Shoe Co., Goodhue St., let contract addition to PITMAN & BROWN CO., Washington St. About $15,000.

Mass., Watertown—Aetna Mills let contract 1-story, 102x112-ft. addition dye house to WILEY & FOSS, Fitchburg.

R. I., Providence—(Elmwood)—Gorham Manufacturing Co. let contract 2-story, 65x122-ft. factory to J. W. BISHOP CO., 109 Foster St.

Conn., Bridgeport—Charles Gregory, 236 Middle St., let contract 2-story machine and pattern shop to S. W. HUBBELL BUILDING CO., Bridgeport. About $11,000. Noted Aug. 31.

Conn., Hartford—E. A. Fuller Tobacco Co., 223 State St., let contract 4-story, 31x80-ft. warehouse to DEAN & BIDWELL, Glastonbury. About $10,000.

Conn., Naugatuck—United States Rubber Co. let contract factory to SPERRY ENGINEERING CO., New Haven.

Conn., Torrington—W. E. Miles let contract 2-story, 98x105-ft. garage to TORRINGTON BUILDING CO. About $25,000.

N. Y., Binghamton—Ballard Silk Co. let contract 2-story addition to J. L. LEWIS, 36 Wall St. About $25,000. Noted Aug. 24.

N. Y., Buffalo—Pomeroy & Stellrecht, 60 Indiana St., let contract 1-story machine shop to SCHAAF CO., Mutual Life Bldg. About $12,000.

N. Y., New York—(Bronx)—Liberty Lace and Netting Works, Bronxwood Ave. and 229th St., let contract 1-story factory to JOHN THATCHER & SON, 60 Park Ave., Brooklyn. About $40,000. Noted Aug. 31.

N. Y., New York—(Manhattan)—(Official)—Hudson Motor Car Co. of New York, Inc., let contract 4-story, 203x239-ft. building between 68th and 69th St. and North River to TURNER CONSTRUCTION CO., 11 Broadway.

Industrial Works (Continued)

N. Y., Rochester—T. J. Northway, 100 Exchange St., let contract 3-story, 70x80-ft. garage to ALEXANDER, SHUMWAY & UTZ, 409 Exchange Pl. Bldg. About $20,000.

N. Y., Troy—Cluett, Peabody Co. let contract 8-story addition to plant to WESTINGHOUSE, CHURCH, KERR & CO., 37 Wall St., New York. About $1,500,000.

N. Y., Utica—Brennan & Devereux, 252 Genesee St., let contract warehouse to GRIFFITHS & PIERCE, 618 Charlotte St.

N. Y., Waverly—Tioga Mill and Elevator Co. let contract grain elevator to DEVERELL, SPENCER & CO., 1007 Garrett Bldg.

N. Y., Yonkers—A. Smith & Sons Carpet Co. will build 1-story, 62x198-ft. plant by day labor. About $30,000.

N. J., Allwood—(Passaic post office)—Brighton Mills, 257 4th Ave., New York, let contract 1-story, 150x500-ft. addition to J. W. FERGUSON CO., United Bank Bldg., Paterson. Noted Sept. 14.

N. J., Glassboro—Whitney Glass Works let contract 3 factory buildings to JAMES STEWARD CO., 30 Church St., New York. Noted June 22.

N. J., Jersey City—Lubricating Metal Co. let contract 1-story, 50x100-ft. factory to PURDY & HENDERSON, 45 East 17th St., New York. About $15,000. Noted July 27.

Penn., Chester—Scott Paper Co. let contract warehouse and addition to factory to CUMMINGS STRUCTURAL CONCRETE CO., Benedum Trees Bldg., Pittsburgh. Noted July 20.

Penn., Corry—United States Radiator Co. let contract for steel work for foundry to C. R. ROGERS & CO.

Penn., Johnstown—Armour & Co., Chicago, let contract 2-story packing plant to W. E. CAMPBELL, Johnston. About $10,000.

Penn., McKees Rocks—Pittsburgh & Lake Erie R.R. let contract 3-story storehouse to COOK & ANDERSON, Beaver. About $35,000.

Penn., New Brighton—Beaver Refrigerator Manufacturing Co. let contract 1-story factory to MARTSOLF BROS. CO., New Brighton. About $75,000. Noted June 1.

Penn., Philadelphia—H. Rohner let contract 4-story bakery at 209 North 5th St., to G. L. SIPPS, 912 Locust St. About $50,000.

Penn., Pittsburgh—United States Rubber Co. let contract warehouse on 7th St. to G. HOGG CO. Noted June 1.

Penn., Reading—Carpenter Steel Co. let contract additions to L. H. FOCHT & SON, Baer Bldg. About $150,000.

Penn., Reading—International Money Machine Co., Inc., let contract 3-story factory at 2037 Kutztown Rd. to W. S. BORSTOW & CO. About $60,000. Noted Aug. 3.

D. C., Washington—R. Mt. Raynolds & Sons, 1423 B St., let contract 2-story, 36x94-ft. warehouse to J. H. NOLMAN, Munsey Bldg. About $15,000.

Va., Danville—N. Klaf let contract 1-story, 50x152 abattoir to W. K. ANDERSON. About $12,000. Noted Aug. 17.

Va., Richmond—City let contract 3-story warehouse to J. T. WILSON CO., Mutual Bldg. About $60,000. Noted June 8.

W. Va., Wheeling—Elm Grove Press let contract factory on West Main St. to A. B. IMHOFF. About $12,000.

N. C., Mooresville—Mooresville Cotton Mills let contract for additions to plant to W. H. ROSE, Goldsboro, N. C. Noted Sept. 21.

Ala., Mobile—Pope Manufacturing Co. let contract 1-story brick factory to E. J. RAUB & CO. About $10,000.

Miss., Gloster—Foster Creek Lumber and Manufacturing Co., Madison, Wis., let contract plant to PRESCOTT CO., Menominee, Mich.

Ky., Louisville—State Bd. Prison Comrs. let contract chair factory to SCOTT & STAFFORD, Frankfort, $10,300.

Ohio, Akron—Mohawk Rubber Co. let contract 3-story factory at 1271 2d Ave. to W. FRANKLIN, 327 Cuyahoga St. About $30,000. Noted Sept. 21.

Ohio, Cincinnati—Globe Register Co., Reading Rd., let contract factory to FERRO CONCRETE CONSTRUCTION CO., Richmond and Harriet St. About $85,000.

Ohio, Cincinnati—F. J. Lawson Co. let contract 3-story, 193x218-ft. factory to M. J. ROCHE CONSTRUCTION CO., 610 Johnston Bldg. About $180,000. Noted July 20.

Ohio, Cleveland—Grant Lees Gear Co., 2367 East 69th St., let contract 3-story, 70x120-ft. addition to HUMKIN-CONKEY CONSTRUCTION CO., 321 Cuyahoga Bldg. About $40,000.

Ohio, Cleveland—St. Louis Butchers' Supply Co. let contract 3-story, 60x80-ft. factory to A. WINNEL, 1810 North Leffingwell Ave. About $20,000.

Ohio, Lorain—National Stove Co. let contract 2-story, 40x125-ft. warehouse to J. GLOCK. About $15,000. Noted Sept. 7.

Ohio, Newark—Hammel & Bader let contract 2-story, 70x200-ft. garage to C. T. MERCER, Zanesville. About $26,000.

Ohio, Oakley—(Cincinnati post office)—Cincinnati Milling Co. let contract addition to FISHER DE VORE CONSTRUCTION CO., Henry Bldg., Cincinnati. About $30,000. Noted Sept. 21.

Ohio, Sandusky—G. & C. Foundry Co. let contract 1-story, 100x400-ft. foundry to A. SCHNURR, Sandusky.

Ohio, Youngstown—Youngstown Iron and Steel Co. let contract structural steel for additions to Ft. PITT BRIDGE AND IRON CO., Pittsburgh. Noted Sept. 21.

Ind., Crown Point—Letz Manufacturing Co. let contract factory, machine shop and office building to F. HOFFMAN, Crown Point. About $15,000.

Ind., Ft. Wayne—Standard Oil Co. let contract 3-story warehouse and office building to H. HILGEMAN. About $50,000. Noted June 22.

Ind., Indianapolis—Holcomb & Hoke Manufacturing Co. let contract machine shop and assembling building to BEDFORD STONE AND CONSTRUCTION CO., 810 Fletcher Trust Bldg. Noted Aug. 3.

Ind., South Bend—International Rubber Co., Farmers' Trust Bldg., let contract 1-story, 80x300-ft. factory and boiler room to HILTON HAMMOND. About $30,000. Noted July 27.

Mich., Detroit—Hollman Manufacturing Co., 21st St. and West Jefferson Ave., let contract 1-story factory on South Milford St. to SCHMIED SISMAN CO., 385 Beaufait Ave. About $30,000.

Mich., Detroit—Parker Rust Proof Co. of America let contract 1-story factory to COOPER-WINDENMANN CONSTRUCTION CO., 854 Penobscot Bldg. About $28,000.

Mich., Grand Rapids—Ionia Floor Board Co. let contract 1-story, 60x100-ft. addition to J. HERRMANN & SON, Grand Rapids. Noted Aug. 31.

Mich., Muskegon—Brunswicke-Balke-Collender Co. let contract factory at Laketon Ave. and Messler St. to BUCK & MULLEN. About $45,000. Noted May 11.

Mich., Port Huron—Grand Trunk Ry. let contract shops and other buildings to J. STEWART & CO., Westminister Bldg., Chicago. About $600,000. Noted Aug. 17.

Ill., Chicago—Chicago Hardware Foundry Co., 546 West Washington St., let contract addition to J. E. HALE.

Ill., Chicago—Chicago, West Pullman & Southern R.R. will build roundhouse and shop by company's forces. About $16,000.

Ill., Chicago—McNeill & Higgins Co. let contract 7-story, 97x300-ft. warehouse to H. ERICSSON & SONS, 139 North Clark St. About $300,000. Noted May 25.

Ill., Chicago—S. Paulsen, 7172 University Ave., let contract 1-story brick garage to A. T. HERLIN, 6117 Evans Ave. About $20,000.

Ill., Chicago—White Cold Storage Co. let contract masonry 6-story brick storage building to E. W. SPROUL CO., 1120 West 35th St. About $175,000.

Ill., Hartford—(East Alton post office)—International Shoe Co., 13th and Mullanphy St., St. Louis, Mo., let contract tannery to J. B. BLACK MASONRY AND CONSTRUCTION CO., Wright Bldg., St. Louis. About $300,000. Noted Sept. 21.

Wis., Appleton—International Power Co., Ft. Edwards, N. Y., let contract bisulphite plant to NORTHERN BOILER AND STRUCTURAL IRON CO.

Wis., Milwaukee—Milwaukee Electric Light and Railway Co. let contract car barn to A. W. RIESEN, University Bldg. About $100,000. Noted Aug. 24.

Wis., Niagara—Kumberly Clark Co., Neenah, let contract 3-story, 65x110-ft. warehouse to WORDEN, ALLEN CO., 9th and Farhum St. About $200,000.

Wis., Racine—Walker, Moore Manufacturing Co. let contract 1-story, 16x180x200-ft. factory to ARNOLD CO., 105 South La Salle St., Chicago.

Iowa, Webster City—Hanson & Tyler Auto Co. let contract 2-story 66x100-ft. garage to W. J. ZITTERELL, Webster City. About $20,000.

Minn., Angus—Farmers Elevator Co. let contract elevator to L. BUEGE, 224 Boston Blk., Minneapolis.

Minn., Minneapolis—American Flour and Cereal Mills Co. let contract 4-story, 40x108-ft. mill to J. LECK & CO., 316 South 7th St. About $75,000. Noted May 4.

Minn., St. Paul—N. R. Frost, 308 Newton Bldg., let contract 2-story brick addition to storage building to H. C. STRUCHEN, 404 Dakota Bldg. About $14,000.

Neb., Omaha—Frank Burkley, 417 South 12th St., let contract 1-story laundry to McGOWAN & JACOBBERGER, 600 Barker Blk. About $10,000.

N. D., Fargo—Fargo Motor Sales Co. let contract 4-story, 50x150-ft. garage to T. F. POWERS CO. About $40,000.

Tex., Sherman—Sherman Manufacturing Co. let contract 100x200-ft. warehouse to WOOD & ELLIOTT, Sherman.

Ore., Portland—Union Meat Co. let contract 6-story, 40x70-ft. rein.-con. slaughter house and storage building to F. LEONARD, Lewis Bldg. About $75,000. Noted Mar. 23.

Wash., Tacoma—Albers Bros. Milling Co. will build 2-story, 83x165-ft. brick warehouse and office building by day labor. About $15,000.

Ont., Toronto—W. Davies let contract packing plant to WELLS BROS. CO., 53 West Jackson Blvd., Chicago. About $500,000.

Man., St. Boniface—D. Balkovaske let contract concrete and brick abattoir and rendering plant to PROGRESS CONSTRUCTION CO., St. Boniface. About $75,000.

Man., Winnipeg—Grain Growers Co., Lombard, St., let contract rein.-con. and brick warehouse to SUTHERLAND CONSTRUCTION CO., 202 Carlton Bldg., $60,000.

FEDERAL GOVERNMENT WORK

Proposed Work

Mass., Boston—Extending Shipbuilding Ways and Appurtenances—Bureau of Yards and Docks, Navy Dept., Washington, receiving bids Oct. 21, Navy Yard, Boston.

R. I., Providence—Dredging—U. S. Engineer Office, Newport, receiving bids Oct. 23 for dredging Providence Harbor. (See adv.)

N. Y., New York—Crane—Bureau of Yards and Docks, Navy Dept., Washington, receiving bids Oct. 28 for one 20-ton locomotive crane, Navy Yard, New York.

N. Y., Tompkinsville—Heating System—Lighthouse Inspector, Tompkinsville, receiving bids Oct. 1, north and south office building, General Lighthouse Depot.

N. J., Woodbury—Post Office—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, receiving bids Oct. 31.

D. C., Washington—Retaining Wall—Office Pub. Bldgs. and Grounds receiving bids Oct. 3 at entrance on west side of Meridian Hill Park. (See adv.)

D. C., Washington—Streets—Dist. Comrs. receiving bids Oct. 10 for grading and improving streets, roads and avenues in Dist. O.-P. Newman, Comr. (See adv.)

N. C., Burlington—Post Office—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, receiving bids Oct. 30. Noted Sept. 7.

Ala., Birmingham—Post Office—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, receiving bids Nov. 13. Noted May 25.

Ill., Rock Island—Dams and Shore Protections—U. S. Engineer Office, Post Office Building, receiving bids Oct. 18 for constructing and repairing dams and shore protections between Bellevue and Sabula, Iowa, between Beattys Crossing and Keithsburg, Ill., between Quincy, Ill., and Hannibal, Mo., and Hamburg, Ill., and between Hamburg and Gafton, Ill. (See adv.)

Calif., Vallejo—Crane—Bureau of Yards and Docks, Navy Dept., Washington, receiving bids Nov. 11 for 250-ton floating revolving crane for Mare Island Navy Yard. Noted Sept. 7.

Calif., Yosemite—Hydro-Electric Machinery and Equipment for Yosemite National Park—W. B. Lewis, Superv. Yosemite National Park, Yosemite, receiving bids Oct. 12. (See adv.)

T. H., Pearl Harbor—Crane—Bureau of Yards and Docks, Navy Dept., Washington, receiving bids Nov. 11 for locomotive crane of 50 tons jib capacity, Naval Station, Pearl Harbor.

Bids In and Contracts Awarded

N. Y., New York—(Brooklyn)—Post Office—Government rejected bids for alterations. Noted Sept. 21.

D. C., Washington—Sewers—Dist. Comrs. let contract to W. F. BRENIZER CO., 141 A St., about $12,000. Noted Sept. 21.

Va., Norfolk—Structural Shop—Bureau of Yards and Docks, Navy Dept., rejected bids. Noted Sept. 14.

Va., Warrenton—Post Office—Low bidders (a) limestone, (b) sandstone, were: R. V. Richardson, Hampton, (a) $43,270, (b) $43,570; J. L. Robinson Construction Co., Baltimore, (a) $44,225, (b) $44,720; Leeds Construction Co., Nyack, (a) $46,800, (b) $47,500. Noted July 27.

Fla., Jacksonville—Dredging—U. S. Engineer Office let contract dredging and rock removal at Miami Harbor to BOWERS SOUTHERN DREDGING CO., Galveston. Noted Sept. 21.

Fla., Orlando—Post Office—Government let contract to WESTCHESTER ENGINEERING CO., White Plains, $45,100. Noted Sept. 21.

Miss., Vicksburg—Stone—U. S. Engineer Office let contract about 25,000 short tons to FOSTER & CREIGHTON CO., Nashville, Tenn., $12,750, and U. S. STONE CO., Little Rock, Ark., $19,500.

Tenn., Memphis—Cement—Mississippi River Comm. let contracts to J. A. DENIS & SONS CO., Memphis, 10,000 sacks, 36.5c.; UNION SAND AND MATERIAL CO., Memphis, 15,000 sacks at Caruthersville, Mo., 38.75c. or 41.5c., 15,000 sacks at Barfield, Ark., 45.5c. or 41.5c., 10,000 sacks at Osceola, Ark., 40.75c. or 41.5c. Noted Aug. 31.

Mich., Port Huron—Post Office—Government rejected bids.

Ill., Chicago—Pier Construction, Dredging, Etc.—U. S. Engineer Office let contract to FITZ-SIMONS & CONNELL DREDGE AND DOCK CO., Chicago, $26,335. Noted Aug. 24.

Ill., Great Lakes—Filter Plant—Navy Dept. let contract to INTERNATIONAL FILTER CO., 38 South Dearborn St., Chicago, about $5,425. Noted Sept. 7.

Ore., Klamath—Bridge Spans—Comr. Indian Affairs let contract to OMAHA STRUCTURAL STEEL WORKS, Omaha, $69,800. Noted July 20.

Federal Government Work (Continued)

Calif., San Francisco—Water Supply System—War Dept. let contract water pipe line from Oakland long wharf to Goat Island to CROWLEY LAUNCH AND TUGBOAT CO., about $28,000.

Hawaii, Honolulu—Wharf—Government let contract wharf, buildings, etc., at Quarantine Sta. to LORD-YOUNG ENGINEERING CO., Honolulu, about $29,647. Noted Mar. 23.

CANALS, DITCHES AND IRRIGATION

Proposed Work

N. Y., Albany—Barge Canal Work—(Official)—W. W. Wotherspoon, State Supt. Pub. Wks., Capitol, receiving bids Oct. 11 for Barge Canal work, Contract No. 2, Olean flood abatement work (See adv.)

N. Y., New York—(Brooklyn)—Dredging—(Official)—R. A. C. Smith, Comr. Docks, Pier A, North River, receiving bids Oct. 2, head of mill basin, Jamaica Bay. Contract No. 1462.

Fla., Tallahassee—(Official)—Canal—Bd. Comrs. Everglades Drainage Dist. receiving bids Oct. 31 for drainage canal. F. C. Elliot, Ch. Drainage Engr. (See adv.) Noted May 4.

Ohio, Lancaster—Dredging—Comrs. Fairfield and Perry Counties receiving bids Oct. 26, Rush Creek. Noted Aug. 24.

Ill., Paxton—Ditch—Ford County receiving bids Oct. 19 for deepening, enlarging and cleaning out ditch. A. H. Chandler, Comr.

Minn., Benson—Ditch—Swift County receiving bids Oct. 3 for County Ditch No. 16. About $5,988. Noted Dec. 16.

Minn., Roseau—Ditch—Roseau County receiving bids Oct. 13 for Judicial Ditch No. 63. About $56,230. S. G. Bertilrud, Roseau, County Audr.

Minn., St. James—Ditch—Watonwan County receiving bids Oct. 6 for Judicial Ditches Nos. 14 and 15. J. E. Jensen, St. James, County Audr.

Neb., Hartington—Ditch—Cedar County receiving bids Oct. 3 for Brookey Bottom Ditch. H. J. Beaty, County Clk.

Neb., Humboldt—Drainage—Drainage Dist. No. 4 receiving bids Oct. 10 for 7 mi. new channel for South Fork Nemaha River. F. Snethen, Clk. Bd.

Ark., Marion—Drainage—Dist. No. 3 receiving bids about Oct. 16 for drainage system. About $230,000. Ferree & McCleskey, Memphis, Tenn., Engr. Noted Mar. 16.

Tex., Harlingen—Irrigation—Bd. Dir. Cameron County Irrigation Dist. No. 1 receiving bids Oct. 9 for canals and locks. Noted Jan. 27.

Colo., La Jara—Drainage—Comrs. La Jara Drainage Dist. making surveys for drains. G. W. Inman, Interested.

Ore., Vale—(Official)—Dam—Warm Springs Irrigation Dist. receives bids Oct. 2 for purchase of $390,000 bonds for dam and improving distribution system. J. Rigby, Vale, Engr. Noted Sept. 14.

Calif., Long Beach—Drainage—Signal Hill Drainage Dist. lets contract about Oct. 15 for drainage system. About $96,000. R. V. Pearsall, 329 First National Bank Bldg., Engr. Noted Feb. 24.

Calif., Los Angeles—Drainage—Dominguez Estate Co., 807 Title Insurance Bldg., receiving bids Oct. 3 for drainage and storm water canal for conveying surface water from Nigger Slough to point near Watson Station on Pacific Electric Ry., Los Angeles-San Pedro Line.

Bids In and Contracts Awarded

N. Y., Albany—Barge Canal Work—Contract, Terminal Contract No. 31, dock wall and approach at Lyons, let to LUPFER & REMICK CO., Buffalo, $51,600. Noted Sept. 14.

Penn., Philadelphia—Dredging—Dir. Dept. Wharves, Docks and Ferries, Bourse Bldg., let contracts to AMERICAN DREDGING CO., Mariners and Merchants Bldg., Schedule A; W. A. MUNDY, 230 South Alder St., Schedule B; C. J. H. TERRY, Drexel Bldg., Schedule C.

Mich., Coldwater—Drainage—Branch County let contract drain to G. S. BRAMAN, Quincy, Ill.

Iowa, Ft. Dodge—Drainage—Webster County let contract constructing Drain 230 to P. CHRISTIANSON, Boone, $4,596, tile for Drain No. 230 to LEHIGH CLAY PRODUCTS CO., Ft. Dodge, $7,989.

Iowa, Ft. Dodge—(Official)—Drainage—County let contracts Drain No. 238 to PLYMOUTH CLAY PRODUCTS CO., Ft. Dodge, $8,335, for tile and P. JENSEN, Scranton, $6,252 for labor. Noted Sept. 7.

Iowa, Nevada—Drainage—Contract Boone-Story Counties Joint Drain No. 7 let to O. C. KALSIG CO., Elsworth, $18,365. Noted June 15.

Minn., Elbow Lake—Ditch—Grant County let contract Ditch No. 22 to KING & EICKMILLER. Noted Sept. 14.

Minn., New Ulm—Ditch—Contract let to GAYLORD CONSTRUCTION CO., Gaylord, $6,676.

Minn., Shakopee—Ditch—Contract Ditch No. 6 let to V. E. McDONALD, Meridian, $10,609. Noted Aug. 24.

Minn., Slayton—Ditches—Murray County let contracts to C. APELSON, Clear Lake, $33,900, for Judicial Ditch No. 15 and to HUMES & FORD, Slayton, $8,000, for Judicial Ditch No. 16.

Minn., Windom—Ditches—Cottonwood County let contract, ditches to J. KOBELEGARD, Westbrook, $8,257, Ditch No. 25; JORGENSON & NELSON, Ringsted, Iowa, $9,470, Ditch No. 29; MICHELS & SANDELIN, Bungham Lake, $20,050, Ditch No. 30; J. B. CAMDEN, Westbrook, $17,870, Ditch No. 31; RUDL & WOLD, Windom, $24,000, Ditch No. 54.

N. D., Hillsboro—Drainage—Contract Rust Drain No. 24 let to J. LERMON, Buxton.

N. M., Las Vegas—Irrigation—San Miguel County let contract irrigation project to R. C. STORRIE CO., San Francisco. About $500,000.

Utah, Richfield—Drainage—County Drainage Dist. No. 1 let contract drainage system to GREEN ENGINEERING AND CONSTRUCTION CO., Salt Lake City, $67,978. Noted Aug. 17.

MISCELLANEOUS

Proposed Work

Mass., Gardner—Fire Station—City making plans. G. S. Hodgman, Fire Ch.

Mass., Pittsfield—Wading Pool—City plans, 60x100-ft. A. B. Farnham, City Engr.

Mass., Revere—Fire Station—City making plans, 2-story, 40x52-ft. About $15,000. MacNaughton & Robinson, 101 Tremont St., Boston, Arch.

N. Y., Kings Park—(Official)—Refrigerating Machine—State Hospital Comn., Capitol, Albany, receiving bids Oct. 5, Kings Park State Hospital. E. S. Elwood, Secy. State Hospital Comn. (See adv.)

Penn., Philadelphia—Playground Improvements—City making plans, 6th and Christian St. W. B. Champlin, Secy. Bd. Recreation, 587 City Hall. Noted Mar. 16.

Penn., Sturgeon—Retaining Wall—Bd. Comrs. South Fayette Township receiving bids Sept. 30, rein.-con., along portion of yard in South Fayette Township known as Coulters Bottom Rd. McCully Engineering Co., 709 Berger Bldg., Pittsburgh, Engr.

Penn., Trevorton—(Official)—Fire Engine House Trevorton Fire Co. receiving bids Feb. 1. About $10,000. F. R. Schweitzer, Shamokin, Arch. Noted Aug. 24.

Miss., Biloxi—Breakwater and Seawall—Council plans $30,000 bond issue. Noted Oct. 28.

Ohio, Cleveland—Comfort Station—City receiving bids Oct. 6, West 14th and Abbey St. R. Hoffman, City Engr. Noted Aug. 17.

Ohio, Cleveland—Comfort Station—City receiving bids Oct. 6, Euclid Ave. and 55th St. R. Hoffman, City Engr. Noted Sept. 21.

Ohio, Cleveland—Comfort Station—City making plans, East 9th St. and Superior Ave. About $10,000. T. L. Sidle, Dir. Pub. Ser. R. Hoffman, City Engr. Noted Nov. 18.

Ohio, Marion—River Improvements—Marion County making plans to improve Scioto River. W. Weston, Courthouse, Engr.

Mich., Detroit—Colosseum—State Fair Management plans. About $100,000.

Wis., Milwaukee—Dock—Dept. Pub. Wks. receiving bids Oct. 2. F. G. Simmons, Comr. Pub. Wks.

Neb., Norfolk—Swimming Pool and Dance Pavilion—H. H. King plans. About $5,000.

Tex., Hamlin—(Official)—Dam—City receiving bids Oct. 6 for rein.-con. dam across California Creek. About $50,000. H. C. Hart, Jr., City Engr.

Ore., Portland—Elimination Grade Crossing—City receiving bids Dec. 6 for eliminating grade crossings on Oregon-Washington R.R. and Navigation Co. A. L. Barbur, Audr. (See adv.) Noted June 22.

Calif., Long Beach—Pier—City votes Oct. 11 on $300,000 bonds, Pine and American Ave. A. de Ring, City Engr. Noted Aug. 10.

Bids In and Contracts Awarded

Mass., Arlington—Excavation and Culvert—Metropolitan Park Comn., Boston, received bids from J. H. Fannon, 27 Hinckley St., Somerville, $12,950; F. E. Ellis, Melrose, $13,600; Coleman Bros., Chelsea, $16,200.

R. I., Providence—Coal Pocket—Darrow-Mann Co. let contract to NEW ENGLAND STRUCTURAL IRON CO. Noted June 22.

N. Y., New York—(Brooklyn)—Track Installation—Contract installing tracks on portion Culver Rapid Transit R.R. let to KAUFMAN & GARCEY, 51 Chambers St., Manhattan, $103,680. Noted Sept. 21.

N. Y., New York—(Manhattan)—(Official)—Frogs and Switches—Contract 4 portion special work for rapid transit railroads, Pelham Line Subway, Order No. 10, let to RAMAPO IRON WORKS, 30 Church St., $11,427. Noted Sept. 14.

N. J., Atlantic City—Bulkhead—City let contract, Inlet Park, to J. W. INGERSOLL, 1422 Pacific Ave., $27,186. Noted Aug. 24.

N. J., Westfield—(Official)—Park Improvements—Bd. Park Comrs. let contract to G. W. LAWRENCE CO., 20 Clinton St., Newark. Noted Sept. 21.

Penn., Baden—Subway—Pennsylvania R.R. let contract to ADAM LAIDLAW CO., Bessemer Bldg., Pittsburgh.

Md., Baltimore—Market House—City let contract improving Richmond Market to J. L. ROBINSON CONSTRUCTION CO. About $40,000. Noted Aug. 17.

Ohio, Dayton—Dam—Dir. Pub. Ser. let contract Island Park Dam to PRICE BROS. CO., Jordon, Mich., $29,840. Noted Sept. 21.

Ill., Oak Park—Fire Station—City let contract 2-story, 30x50-ft., to A. TAROW, 125 North Oak Park Ave., Oak Park. About $15,000. Noted Aug. 24.

Iowa, Onawa—(Official)—Straightening River—Monona County let contract, Soldier River, to S. O. BRIGGS & CO., Omaha, Neb., $68,000. Noted Sept. 14.

Minn., Jordan—Bathhouse and Laundry—Mt. Baden Sulphur Springs Co. let contract to S. M. KLARQUIST & SON, 247 Security Bank Bldg., Minneapolis. About $20,000.

Minn., St. Paul—Engine House—Ramsey County let contract addition to J. J. JWANSOUSKOS BUILDING CO., 1091 Colne St. About $6,000.

Neb., Omaha—Bathhouse—Jewish Bathhouse Association let contract, 1-story, 25x54-ft., to C. S. NELSON, 4543 Nicholas St. About $6,000.

S. D., Redfield—(Official)—Tunnel Work—State Bd. of Charities let contract for foundation and tunnel work for building for Home for Feebleminded to H. F. STOLTE, Redfield. Noted Sept. 7.

Mo., St. Louis—Ice Skating Rink—Winter Garden and Ice Co. let contract ice skating rink, factory and warehouse to E. A. STEININGER CONSTRUCTION CO., 407 North 8th St. About $150,000. Noted Sept. 7.

B. C., Vancouver—Filling—Contract filling in and dredging connection with Coal Harbor Causeway scheme let to DOMINION CONSTRUCTION CO., Vancouver, $16,962.

BUILDINGS

Proposed Work

Other items relative to Building Construction will be found under the following headings: "Industrial Works," "Federal Government Work" and "Miscellaneous."

Maine, Milo—Dormitory—American Thread Co. making plans. Brainerd & Leeds, 89 Franklin St., Boston, Arch.

Maine, Phippsburg—Hotel—C. D. Wamwright, 36 Bromfield St., Boston, making plans. H. Kiesling, 7 Water St., Boston, Arch.

Maine, York Harbor—Hotel—F. D. Marshall, 120 Exchange Pl., Portland, making plans, 4-story, 40x500-ft. addition. About $120,000. J. C. & J. H. Stevens, 187 Middle St., Portland, Arch. Noted May 25.

Mass., Adams—Parochial School—Sisters of Notre Dame making plans, 3-story, 72x72-ft. addition. O. E. Nault, 8 Wall St., Worcester, Arch.

Mass., Fall River—Church—St. Michael's Church making plans, 2-story, 58x78x165-ft. About $75,000. H. Fallows, 131 Stewart St., Arch.

Mass., Lynn—Home—St. Mary's Parish making plans for home for women. About $60,000. H. W. Rogers, 25 Exchange St., Arch.

Mass., Westboro—High School—City made plans, 2-story. About $50,000. Fuller & Delano, Worsecter, Arch. Noted Feb. 17.

Conn., Bristol—School—City soon lets contract, 2-story, 35x129-ft. addition. W. Potter, 1 Union sq., New York, Arch. Noted Aug. 24.

Conn., New Haven—Store and Office—Rudolph Steinert made plans, 5-story, 50x90-ft., brick, stone and steel, Elm and Church St.

Conn., New London—Hotel—F. A. Munsey, New York, making plans, 12-story, 42x109-ft. addition to Mohican Hotel, State St. About $150,000.

Conn., Stratford—School—City plans, Honey Spot Rd. About $50,000.

N. Y., Cooperstown—Vocational School—Fenimore Cooper Foundation, care of W. T. Hyde, 25 Broad St., New York, plans. About $250,000.

N. Y., New York—(Manhattan)—Office—H. Freece, 35 Wall St., receiving bids, 13-story, 125x505-ft. brick, at 26 Union Sq. and 15th St. About $300,000. W. G. Pigueron, 59 Pearl St., Arch.

N. Y., New York—(Manhattan)—Loft—Duane Street Corporation, 76 Duane St., receiving bids, 12-story, 50x80-ft. brick and terra cotta, 76 Duane St. About $180,000. E. B. Litchfield, 477 5th Ave., Arch.

N. Y., New York—(Manhattan)—C. B. J. Snyder, Supt. School Bldgs., Dept. Education, Park Ave. and 59th St., receiving bids Oct. 2 for Manhattan Trade School for Girls, Lexington Ave. and 22nd St.

N. Y., Niagara Falls—Grade and High School—Bd. Education plans grade school at Pine Ave. and 27th St., about $50,000, and high school about $125,000.

N. Y., Rochester—(Official)—High School—Bd. Education receiving bids about Nov. 1, 3-story, 226x220-ft. About $450,000. Gordon & Madden and W. G. Kaelber, 300 Sibley Bldg., Arch. Noted Sept. 21.

Buildings (Continued)

N. Y., Thiells—(Official)—F. A. Vanderlip, Pres. Bd. Mgrs., Letchworth Village, 7 Wall St., New York, receiving bids Oct. 19 for Cottages E, F, G and H and store house, bakery, refrigerating plant and cold-storage building. Lewis F. Pilcher, Capitol, Albany, State Arch. (See adv.)

N. Y., Troy—Russell Sage College making plans for 4-story college. P. Cook, Pres. Bd. Trust.

N. Y., Williamsville—High School—Bd. Education plans, Academy and Eagle St. W. H. Baker, Chn.

N. J., Clifton—School—Bd. Education rejected bids received Sept. 12 for addition to School No. 7. About $65,000. New bids. W. T. Fanning, Colt Bldg., Paterson, Arch. Noted Aug. 24.

N. J., Elizabeth—Office—New York Telephone Co. making plans, East Grand St. Noted July 20.

N. J., Jersey City—Bd. Education plans addition to School No. 5 on Merseles St., building School No. 14 on Duncan Ave., and addition to Teachers' Training School.

N. J., Paterson—(Official)—School—Bd. Education receiving bids about Nov. 21 for School No. 6. About $300,000. H. Barrett Crosby, First National Bank Bldg., Paterson, Arch. Noted Sept. 21.

Penn., Bethlehem—Church and Rectory—St. John's Maygan Church making plans, 1-story, 68x161-ft. About $70,000. A. W. Leh, Post Office Bldg., Arch.

Penn., Chester—(Official)—City Hall and Jail—City receiving bids about Jan. 1, 3-story. About $65,000. C. W. Brazier, 1133 Broadway, New York, Arch. Noted Sept. 21.

Penn., Greenville—(Official)—High School—Bd. Education receiving bids about Jan. 1 About $165,000. C. C. and A. L. Thayer, New Castle, Arch. Noted Sept. 21.

Penn., Lemoyne—High School—School Bd. of East Pennsboro, Lemoyne, Camp Hill, Wormleysborough and Lower Allen Township plans.

Penn., Lewistown—Y. M. C. A. retained J. B. Hamme, York, to make plans for building. About $85,000. Noted Mar. 23.

Penn., Pittsburgh — School — Bd. Education made plans for West End Sheraden High School. About $250,000. Noted July 20.

Penn., Pittsburgh—Bank—Union Trust Co. making plans, 4-story, 120x140-ft. About $1,000,000. E. P. Mellon, Trowbridge & Livingston, 57 Vandergrift Pl., New York, Arch.

Penn., Pittsburgh—Carnegie Institute of Technology soon lets contract for addition to School of Applied Science. About $300,000. E. Stotz, Menon Bank Bldg., Arch. Noted Aug. 24.

Penn., Reading—Club House—Wyomissing Club making plans, 2-story, 57x165-ft. About $75,000. Duhring, Okie & Ziegler, Bailey Bldg., Philadelphia, Arch. Noted July 27.

Penn., Rochester—Hospital—Rochester General Hospital plans 3-story addition. About $50,000. F. I. Merrick, Empire Bldg., Pittsburgh, Arch.

Penn., Sayre—Church—Church of Epiphany making plans, 1-story, 58x125-ft. About $50,000. J. J. Howley, Traders Bank Bldg., Scranton. Arch.

Md., Baltimore—(Official)—Store, Theater and Garage—Majestic Theater receiving bids about Nov. 15, 3-story, 75x300-ft. About $80,000. Blanke & Zink, 647 Equitable Bldg., Arch. Noted Sept. 14.

Va., Hanover—Jail—Hanover County receiving bids Oct. 1. Lambert & Hartsook, Travelers Bldg., Richmond, Arch. Noted Apr. 20.

Va., Norfolk—Home—Union Mission plans. About $100,000. H. H. Kratzig, 51 Church St., Supt.

W. Va., Morgantown—State Bd. Control lets contract in November for building at West Virginia University. About $300,000. P. A. Davis, 1713 Sansom St., Philadelphia, Arch. Noted July 6.

Ga., Atlanta—Flyn Estate made plans for 5-story building. About $500,000. Gude & Co., Arch.

Ala., Montgomery — City Hall—City votes Oct. 17 on $250,000 bonds.

Ky., Franklin—Hotel—Franklin Hotel Co. making plans. About $50,000. J. H. Crocker, Pres. Noted Aug. 24.

Ky., Newport—High School—City votes Nov. 7 on $150,000 bonds.

Ohio, Akron—Infirmary Building—County plans, 2-story. About $52,000. E. W. Paul, Courthouse, County Engr.

Ohio, Cleveland — School—Bd. Education making plans for Gladstone School. About $250,000. F. G. Hogen, Dir. of Schools. W. R. McCormack and F. S. Barnum, Assoc. Arch.

Ohio, Columbus—Plans being made for Central Y. M. C. A. building; also colored branch. About $600,000.

Ohio, Lima—Church—Presbyterians plan.

Ohio, Sandusky—Hotel—Cedar Point Amusement Co. soon receives bids, 3-story, 36x260-ft. About $75,000. W. W. Hodges Co., Schofield Bldg., Cleveland Arch.

Ohio, Springfield—Comrs. Clark County receives bids Oct. 13 for buildings at County Children's Home. J. M. Pierce, County Audr.

Ohio, Warrensville — (Official) — School — Bd. Eductaion receiving bids Oct. 11. About $43,000. G. W. Shurmer, Clk. Noted Sept. 7.

Ohio, Youngstown—Hotel—W. C. Owen & Co., Arch., making plans, 13-story, 75x95-ft. Noted July 6.

Ind., Auburn—School—Bd. Education receiving bids Oct. 5, 2-story addition. About $75,000. A. H. Ellwood & Son, Elkhart, Arch. Noted July 20.

Ind., Hope—Hospital—City plans. C. A. Weatherhogg, Arch.

Ind., Sullivan—Hospital—Sullivan County Hospital receiving bids Oct. 28. E. T. Jamison. Pres. Bd. Trustees. Noted Sept. 21.

Mich., Ann Arbor—(Official)—Michigan University receives bids in spring for 2-story, 50x90-ft. building. About $45,000. L. Schmidt, 126 North Market St., Wichita, Kan., Arch. Noted Sept. 7.

Mich., Detroit—Detroit United Railway Co. plans freight terminal at Monroe Ave., Chene, Dequindre and Macomb St. About $1,000,000. F. W. Brooks, Detroit, Gen. Mgr.

Mich., Grand Rapids—Office—Rathbone Estate making plans. About $75,000. Robinson & Campau, Houseman Bldg., Arch.

Ill., Alton—Temple—Masonic Temple Association making plans. J. M. Maupin, 518 Commercial Bldg., Arch.

Ill., Chicago—Parochial High School—St. Mel's Church making plans, 4-story, 100x150-ft. W. Gubbins, 155 North Clark St., Arch.

Ill., Chicago—Hotel—M. Kasper made plans 7-story on Surf Ave. About $200,000. Dibelka, Flaks & Minchin, Arch.

Ill., Chicago—Theater, Store and Office—S. Katz and Barney & A. J. Balban, 5 South Wabash Ave., making plans, 3-story, 100x176-ft. About $275,000. C. W. & G. L. Rapp, 69 West Washington St., Arch.

Ill., Homewood—Club House—Ravisloe County Club making plans, 1- and 2-story. About $70,000. G. C. Nimmons, 122 South Michigan Ave., Chicago, Arch.

Ill., Mounds—High and Grade School—Bd. Education making plans, 2-story, 64x115-ft. and 35x56-ft. About $40,000. W. H. Day, 527 Main St., Peoria, Arch.

Ill., Ottawa—Hospital—City making plans Ryburn Hospital and soon votes on $40,000 bonds for same.

Ill., Springfield—School—Bd. Education making plans for Douglas School. Helmie & Helmie, Arch.

Ill., Wheeling—Hotel—Henry Hartmann, Hotel Wheeling, making plans, 2-story, 57x89-ft. About $60,000. Parkinson & Dockendorff, La Crosse, Arch. Noted May 25.

Wis., Appleton—Dormitory—Lawrence College soon receives bids, 3-story, 80x150-ft. brick and stone, Russell Sage Girls' Dormitory. About $100,000. Childs & Smith, 122 South Michigan Ave., Chicago, Arch. Noted Aug. 17.

Wis., Beloit—School—Dist. No. 2 receiving bids Oct. 9, 2-story, 67x139-ft. M. R. Rosman, 878 44th St., Arch. G. E. Thompson, Clk. Noted Aug. 24.

Wis., Eau Claire—Hotel—H. L. Stevens, Arch., 910 South Michigan Ave., Chicago, making plans for stock company. About $350,000. Harvey Crane, promoter.

Wis., Ladysmith—Hospital—Mantellate Sisters' Hospital making plans, 3-story, 48x128-ft. About $75,000. H. F. Liebert, Marathon County Bank Bldg., Wausau, Arch.

Wis., Milwaukee—Bank and Office—F. E. Gray, Arch., Patton Bldg., making plans, 2-story, 38x60. About $50,000.

Wis., Oshkosh — School — Oshkosh Normal School soon receives bids, 3-story. Van Ryn & De Gelike, Milwaukee, Arch. Noted Sept. 7.

Wis., Racine—Bank and Office—Manufacturers' National Bank, Main and 5th St., making plans, 5-story, 60x120-ft. rein.-con. A. A. Guilbert, Robinson Bldg., Arch.

Wis., Stevens Point—Hotel—N. Jacobs, Sr., Estate plans, 5-story. About $150,000. Miss Tena Jacobs and Mrs. Oliver Olson, Prop.

Wis., Taycheedah—State Bd. Control, Capitol Bldg., Madison, soon receives bids for first 2 units of women's criminal institute. About $100,000. A. D. Conover, 36 Tenney Bldg., Madison, Arch.

Wis., Waukesha—Office—Waukesha Motor Co. making plans, 2-story, brick. H. C. Hengels, 1225 First Nationl Bank Bldg., Milwaukee, Arch.

Iowa, Carroll—High School—Bd. Education making plans, 3-story, 83x140-ft. C. A. Dieman, Grenby Bldg., Cedar Rapids, Arch. Noted June 29.

Iowa, Cedar Rapids—Nurses Home—St. Lukes Hospital making plans, 3-story, 35x150-ft. W. J. Brown, 604 American Trust Bldg., Arch.

Iowa, Cedar Rapids—Church—First Baptist Congregation soon receives bids, 2-story, 80x85-ft., brick and terra cotta. About $50,000. Noted Aug. 19.

Iowa, Davenport—Theater—C. H. Bryant, Waterloo, and St. Elmo Bateman, Sioux City, plan. About $75,000.

Iowa, Des Moines—Iowa State Fair Association plans 6 buildings at fair grounds. About $250,000.

Iowa, Dubuque—Hospital—City election Nov. 7 to vote on $75,000 bonds. Noted Sept. 7.

Iowa, Mason City—School—Bd. Education receiving bids Oct. 2 (extension of date), 2-story, 138x210-ft., brick and rein.-con. About $250,000. T. H. Felt & Co., 800 Grand Ave. Temple, Kansas City, Mo., Arch. Noted Aug. 24.

Iowa, Muscatine — High School — Bd. Education of Independent School Dist. receiving bids Sept. 30 for addition. Eckland, Fugard & Knapp, McKinnie Bldg., Moline, Ill., Arch. Noted Sept. 7.

Iowa, Rolfe—School—Bd. Education receiving bids Oct. 21, 2-story, 63x153-ft. About $70,000. G. L. Lockhart, 285 Endicott Bldg., St. Paul, Arch.

Iowa, Vinton—High School—Bd. Education receiving bids Oct. 2, 2-story, 140x148-ft. About $100,000. Miller, Fullenwider & Dowling, 6 North Michigan Ave., Chicago, Arch. Noted June 1.

Iowa, Waterloo—(Official)—High School—Bd. Education receiving bids Oct. 18, 2-story. About $350,000. Mortimer B. Cleveland, Waterloo, Arch. Noted June 15.

Minn., Minneapolis—Armory—City plans. About $350,000.

Minn., Minneapolis—Temple—Zurah Temple, A. A. O. N. M. S., making plans, 100x200-ft. About $150,000. Bertrand & Chamberlain, 616 Bank of Commerce Bldg., Arch. Noted June 29.

Minn., Northfield—Dormitory—Carlton College receiving bids in spring. About $150,000. Holmes & Flinn, 8 South Dearborn St., Chicago, Arch. Noted Aug. 24.

Minn., Thief River Falls—Sanitarium—Pennington, Marshall and Roseau Counties soon receives bids. T. P. Anderson, Thief River Falls, County Audr. Pennington County.

Minn., Winona—Hospital—Winona General Hospital Association made plans, 3-story addition. About $60,000. Noted Aug. 10.

Kan., Abilene—High School—City votes Oct. 4 on proposition. About $90,000. Preliminary plans being made. W. H. Sayler, 606 Gumbel Bldg., Kansas City, Mo., Arch. Noted July 13.

Kan., Ottawa—High School—Bd. Education receiving bids Oct. 11. About $100,000. W. H. Chaffee, Clk., Bd. Education. G. P. Washburn & Son, Arch. Noted July 20.

Kan., Paola—School—Bd. Education votes Nov. 7 on $60,000 bonds.

Neb., Gering—Hotel—American Hotel Co. plans, 2-story, 80x120-ft. About $40,000.

Neb., Hastings — School — Bd. Education soon votes on $200,000 bonds.

Neb., Omaha—(Official)—H. A. Wolf receiving bids about Jan. 1 for 10-story. About $400,000. J. McDonald, Omaha National Bank Bldg., Arch. Noted Sept. 7.

S. D., Pierre—Courthouse—Hand County soon votes on $100,000 bonds.

S. D., Webster—High School—Bd. Education rejected bids received July 25. New bids will be received about Jan. 1. About $65,000. Holmes & Flinn, 8 South Dearborn St., Chicago, Arch. Noted July 6.

N. D., Dunn Center—Hospital—Dunn County Hospital Association plans. About $50,000.

Wyo., Kemmerer—Courthouse—Lincoln County votes in November on $50,000 bonds.

Mont., Butte—School—School Trustees soon receives bids, Elizabeth and Warren Ave. About $75,000. J. W. Smith, Arch. Noted Apr. 20.

Mont., Butte—Hospital—Silverbow County made plans, 1-story, 30x60-ft.

Mo., Carthage — Temple — Carthage Masonic Lodge plans, 3-story. About $60,000.

Mo., Joplin—Bank and Office—J. Ferguson making plans, 3-story, 75x100-ft. About $150,000. E. P. Madorie, 832 Reserve Bank Bldg., Kansas City, Arch.

Mo., St. Joseph — (Official) — Church — First Christian Congregation receives bids about Oct. 1, 10th and Farson St. About $75,000. W. Boschen, Arch. Noted Sept. 14.

Mo., Springfield—School—Bd. Education soon receives bids, 2-story 71x76-ft. About $40,000. O. L. Brettner, Holland Bldg., Arch.

Ark., Hot Springs—Sanitarium—J. Hunt, Arch., New York, making plans. About $12,000,000. R. Onffory, Chicago, interested. Noted Jan. 13.

Tex., Corsicana—Club House—Fish Tank No. 2, Fishing and Hunting Club making plans.

Tex., Galveston—Hotel—A. J. Bellis, 1403 23d St., made plans, 10-story, Tremont and Market St. About $168,000. C. H. Moore, 2722 H St., interested.

Tex., Waco—Sanitarium—Central Texas Baptist Sanitarium made plans. About $100,000. J. F. Rowe, Secy. Noted Sept. 7.

Okla., Ardmore—Hospital—Walter Hardy making plans for addition. About $50,000. J. B. White, Arch. Noted July 20.

Okla., Stillwater—Courthouse—Payne County votes Nov. 4 on $100,000 bonds.

Idaho, Filler—School—County Comrs. soon vote on bonds.

Idaho, Pocatello—Auditorium—City made plans. Boyer & Rogers, Arch.

Buildings (Continued)

Ariz., Flagstaff—Hotel—Flagstaff Hotel Co., making plans. About $200,000. Trost & Trost, El Paso, Tex., Arch. Noted July 20.

Ariz., Miami—Miami Copper Co. receives bids Oct. 1 for Y. M. C. A. building. About $75,000. H. O. Jaastad, Tucson, Arch. Noted Apr. 20.

Wash., Aberdeen—Armory—City plans. About $75,000.

Calif., Modesto—High School—City votes Oct. 18 on $135,000 bonds. Noted Aug. 10.

Calif., Sacramento—Carnegie Library—City Com. receiving bids Oct. 5. About $130,000. T. Coulter, Comr. Pub. Wks. L. P. Rixford, San Francisco, Arch. Noted June 22.

Calif., San Francisco—(Official)—State Bd. of Control receives bids about Nov. 15 for state building. A. McDougal, Sacramento, State Arch. of California. Noted Aug. 24.

Que., Westmount—City Hall—City Council retained K. G. Rea, Arch., to make plans. About $200,000.

Ont., London—Pub. Utilities Comn. soon receives bids for building. About $75,000. E. V. Buchanan, Mgr.

Bids In and Contracts Awarded

Mass., Boston—Theater—New Columbia Co. let contract, 4-story, 90x150-ft., to FLEISCHMAN CONSTRUCTION CO., 294 Washington St. About $250,000.

Mass., Somerville—S. H. Lewis & Sons, 44 Kidder Ave., let contract 3-story masonic quarters, stores and office building to LEAHY-RATIGAN CONSTRUCTION CO., 7 Water St., Boston. About $60,000.

N. Y., New York—(Manhattan)—Trustees of Sailors Snug Harbor let contract studio buildings at Washington Mews and 8th St. to A. J. ROBINSON, 123 East 23rd St. Noted May 25.

N. Y., New York—(Manhattan)—Bethlehem Day Nursery let contract 5-story, 23x83-ft. building to FOUNTAIN & CHOATE, 110 East 23rd St. Noted July 13.

N. Y., New York—(Manhattan)—Nurses Home—Manhattan Eye, Ear and Throat Hospital let contract to MARK EIDLITZ, 30 East 42nd St. Noted July 27.

N. J., Hackensack—High School—Bd. Education let contract to W. L. CROW CONSTRUCTION CO., 103 Park Ave., New York. Noted Feb. 24.

N. J., Perth Amboy—Perth Amboy Savings Institution let contract bank, store and office building to G. B. WILLS & CO., 101 Park Ave., New York. About $125,000. Noted Aug. 10.

Penn., Allentown—Hotel—Contract let to CALDWELL MARSHALL CO., 121 Merchant Bank Bldg., Indianapolis, Ind. About $850,000.

Penn., Bakerstown—Home—St. Barabas Free Home let contract, 2-story, to H. SHANK CO., Century Bldg., Pittsburgh. About $150,000.

Penn., Braddock—Church and Parish House—S. S. Peter & Paul's Creek Church let contract. 1-story, to DUQUESNE CONSTRUCTION CO., Bessemer Bldg., Pittsburgh. About $90,000.

Penn., Chester—(Official)—Theater—J. F. Zimmerman let contract, brick, stone and concrete to SMITH, HARDICAN CO., 1606 Cherry St., Philadelphia. About $200,000. Noted Sept. 14.

Penn., Pittsburgh—Church—Russian Orthodox Church let contract, 2-story, 40x85-ft., to R. K. SEFTON, 510 East Diamond St., Pittsburgh. About $42,000. Noted Aug. 31.

Penn., Zelienople—Home—Pittsburgh Synod Lutheran Church let contract, 3-story, 50x100-ft. addition to MARTSOLF BROS., House Bldg., Pittsburgh. About $40,000. Noted Aug. 31.

Md., Sparrows Point—Office—Tinplate Co. let contract to H. SMITH & SONS, Sparrows Point.

D. C., Washington—Sunday School and Chapel—Sixth Presbyterian Church let contract to W. E. MOONEY, Evans Bldg. About $40,000.

Va., Hampton—Auditorium—Hampton Agricultural and Normal School let contract 1-story, to WHITNEY CO., Liberty St., New York. About $150,000. Noted June 1.

Va., Newport News—Bank—First National Bank let contract, 5-story, 50x100-ft., addition to HARWOOD & MOSS, Newport News. About $60,000.

Ga., Atlanta—Hospital—Chason & Chason, Bainbridge, let contract to RICHARDSON ENGINEERING AND CONSTRUCTION CO., Bainbridge.

Ala., Mobile—School—Mobile County let contract to SPITZER, RORICH & CO., Toledo, $150,000. Noted Aug. 17.

Ky., Covington—High School—Contract Homesdale High School let to J. J. CRAIG, 24 West 9th St., $129,825. Noted Aug. 24.

Ky., Louisville—School—Bd. Education let contract, 2-story addition, to A. MARKMAN & CO., 434 South Floyd St. About $40,000. Noted May 25.

Ohio, Cincinnati—High School—City received low bid from M. Craig, Covington, Ky., $129,875.

Ohio, Cleveland—Hotel—D. W. Mills let contract 4-story, 42x67-ft. addition to PAUL BROS., Citizens Bldg. About $40,000.

Ohio, Dayton—(Official)—Bank, Store and Office Building—Mutual Home and Savings Association let contract to G. A. FULLER CO., Swetland Bldg., Cleveland, $200,000. Noted Sept. 7.

Ohio, Elyria—(Official)—Bank—Elyria Savings Deposit Bank and Trust Co. let contract, 2-story, 36x100-ft. marble and granite, to G. B. WILLS CO., 101 Park Ave. Noted Sept. 14.

Ohio, Toledo—Administration Building—Lucas County let contract 3-story, 81x97-ft. to A. BENTLEY & SONS Co., 201 Belmont Ave. About $85,000.

Ind., Huntington—Hospital—Huntington County let contract, 2-story, 45x97-ft. to E. M. CARMER, 205 East Market St., Huntington. About $40,000.

Ind., Indianapolis—Indianapolis Red Men's Wigwam Association let contract 3-story building to E. F. KOTTLOWSKI CO. About $40,000.

Ind., Nappanee—School—Bd. Education let contract, 2-story, 80x144-ft., to E. BURNER & CO., 320 Sycamore St., South Bend. About $55,000. Noted July 20.

Ill., Hudson—Town Hall—Town let contract to E. WEAVER, Downs.

Wis., Milwaukee—(Official)—Milwaukee County let contract house of correction to HARRIS TRUST AND SAVINGS CO., Chicago, Ill. About $380,000. Noted Sept. 7.

Iowa, Ames—State Bd. Education will build animal husbandry laboratories and hospital at Iowa State College of Agriculture and Mechanic Arts by day labor. About $50,000 and $35,000 respectively. Noted Sept. 7.

Iowa, Irwin—School—City let contract, 2-story, to C. C. NORGAARD & SON, 68 North Main St., Council Bluffs, $49,295. Noted June 22.

Minn., Eveleth—High School—Contract let to R. J. McLEOD and J. A. SMITH, $117,800. Noted Aug. 10.

Minn., Wabasha—High and Grade School—Bd. Education let contract addition to J. MOLIN, 677 Sherburne Ave., St. Paul. About $40,000. Noted May 11.

Kan., Parsons—Insane Asylum—State Bd. of Control, State House, Topeka, let contract, 2-story, 50x197-ft., brick, to J. M. PARHAM, Dodge City, $42,682. Noted Aug. 10.

N. D., Fargo—Hospital—St. Lukes Hospital let contract to T. F. POWERS & CO., Fargo, $41,000. Noted June 22.

Mont., Butte—Knights of Columbus let contract building to SOUND CONSTRUCTION CO.

Mo., Moberly—High School—Bd. Education let contract to CASHNER & LIVENGOOD, Midland Bldg., Kansas City, Mo. About $45,000. Noted July 27.

Mo., St. Louis—School—Bd. Education let contract 3-story addition to E. C. GERHARD BUILDING CO., Victoria Bldg.

Ark., Jonesboro—(Official)—High School—School Bd. let contract to SEYMOUR BROS., Jonesboro. Noted Sept. 7.

Tex., Austin—Bd. Control let contract buildings at Deaf and Dumb Institute to A. A. MUNDT, Austin, $40,000. Noted Aug. 17.

Okla., Sand Springs—Dormitory—C. Page, First National Bank Bldg., Tulsa, let contract, 4-story, 60x240-ft., to HAMMONDS & JAMES, Sand Springs. About $60,000.

Idaho, Wallace—Infirmary and Hospital—Shoshone County let contract to A. J. TURNER, Wallace, $58,456.

Wash., Tacoma—Store—Contract, 3-story, 90x100-ft., terra cotta, let to KUVELL BROS., 1211 South L St., $40,000.

Ore., Enterprise—S. D. Keltner let contract 2-story building to J. OBERG, Enterprise.

Calif., Sacramento—Hospital—Sacramento County received lowest bid, 2-story, from W. C. Keating, Sacramento, $76,077.

Calif., Sacramento—Hall—Native Sons let contract to McGILLIVRAY CONSTRUCTION CO., Sacramento, $140,700.

PAVING, ELGIN, ILL.

Bids received by city for paving Raymond and Watch St. from (A) Engineer's Estimate; (B) LOGAN & GIERTZ CONSTRUCTION CO., Elgin (awarded contract); (C) Illinois Hydraulic Stone and Construction Co., Elgin. The item bids were as follows:

	A	B	C
17,238 sq.yd. brick pavement	$1.90	$1.95	$2.00
10,018 lin.ft. curb and gutter	.55	.55	.55
426 lin.ft. concrete headers	.35	.35	.35
70 gutter plates	3.00	3.00	3.00
70 sidewalk headers	2.00	2.00	2.00
Adjusting man holes and catch basins (lump sum)	50.00	50.00	50.00
Extended totals	$38,811	$39,573	$40,555

SEWER SYSTEM, BOGOTA, N. J.

Section No. 2

Bids received by Borough Council Sept. 15 for constructing sewer system from (A) R. F. Relly, Oswego, N. Y.; (B) Martin, Miller & Pizzimenti, Caldwell; (C) C. S. Edwards Co., Jersey City; Averill-Mathews Co., Newark, $23,926; Torielle & Sansone, Hackensack, $25,728. The item bids of the 3 lowest bidders were as follows:

	A	B	C
4,950 lin.ft. 8-in. vitrified sewer pipe, 0 to 6 ft. deep	$0.65	$0.70	$0.72
12,550 lin.ft. 8-in. vitrified sewer pipe, 6 to 8 ft. deep	.78	.80	.90
1,650 lin.ft. 8-in. vitrified sewer pipe, 8 to 10 ft. deep	1.25	1.25	1.35
330 lin.ft. 8-in. vitrified sewer pipe, 10 to 12 ft. deep	1.50	1.75	1.70
8-in. vitrified sewer pipe, 12 to 14 ft. deep	2.25	2.50	2.50
8-in. vitrified sewer pipe, 14 to 16 ft. deep	3.25	3.50	4.00
205 lin.ft. 10-in. vitrified sewer pipe, 0 to 6 ft. deep	.71	.75	.85
475 lin.ft. 10-in. vitrified sewer pipe, 6 to 8 ft. deep	.84	.85	1.10
10-in. vitrified sewer pipe, 8 to 10 ft. deep	1.30	1.75	2.00
10-in. vitrified sewer pipe, 10 to 12 ft. deep	1.55	2.50	2.50
100 lin.ft. deep house connections	.70	1.00	.60
6 M ft. b.m. lumber foundations	20.00	30.00	40.00
3 M ft. b.m. lumber sheeting	20.00	30.00	45.00
C.-i. pipe	60.00	80.00	50.00
25 cu.yd. concrete 1:3:5	7.85	7.50	8.00
Concrete 1:2½:4	9.50	12.00	10.00
96 manholes, 8 ft. under	45.00	45.00	47.00
7 lin.ft. extra depth over 8 ft	6.00	4.00	3.50
Extended totals	$20,916	$21,608	$23,515

TRADE PUBLICATIONS

Electric Portable Tools. Chicago Pneumatic Tool Co., Chicago, Ill. Bulletin E-41. Pp. 8. 6x9 in. Describes the Duntley electric tools adapted especially to street-railway trackwork.

Kahn Steel Buildings. Trussed Concrete Steel Co., Youngstown, Ohio. Catalog. Pp. 28. 8½x11 in. Illustrated. Describes pressed-steel units readily framed into buildings for factories, storehouses, offices, shops, etc.

Pneumatic Mixer, Conveyor and Placer. Pneumatic Placing Co., 2 Rector St., New York. Form No. 17. Pp. 4. 6x9 in. Illustrated.

"Better Electric Motors." S. K. F. Ball Bearing Co., Hardford, Conn. Pp. 62. 6x9 in. This is the title of a bulletin on the application of ball bearings to electrical machinery and contains much useful information on the subject.

Bulb Sections. Carnegie Steel Co., Pittsburgh, Penn. **Third** edition. Pp. 16. 5x7½ in. Illustrated.

Electric Pyrometers—Wilson-Maeulen Co., 781 East 142 St., New York. Catalog No. 11. Pp. 24. 8x10½ in. Illustrated.

Galvanized Sheets for construction of culverts, flumes, tanks, cisterns, silos and for roofing and siding. American Sheet and Tin Plate Co., Pittsburgh, Penn. Booklet. Pp. 20. 8½x11 in. Illustrated.

Transits and Levels. Kolesch & Co., 138 Fulton St., New York. This is a Spanish catalog entitled "Instrumentos de Agrimensura." Pp. 32. 6x9 in. Illustrated.

Boiler and Pipe Coverings, Etc.—Ehret Magnesia Mfg. Co., Valley Forge, Penn. Catalog. Pp. 62. 5½x8 in. Describes the 85% magnesia coverings made by this company, also asbestos and wool-felt coverings, cold-water paint, locomotive boiler lagging.

Slag for Building. Standard Slag Co., Youngstown, Ohio. Catalog. Pp. 56. 8x11 in. This contains considerable information on the subject of slag as a concrete aggregate, also condensed reports of tests and chemical and physical analysis.

Nicolas S. Hill, Jr., and **S. F. Ferguson,** Consult. Engrs., 100 William St., New York, N. Y., have been retained by the city of Birmingham, Ala., to make a valuation of the water-works and advise in connection with the proposed purchase of same from the Birmingham Water Works Co.